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Indoor Air Quality Survey Report

Skyline V, Suite 900

Delivery Order Number MDA 946-00-D-0020 – Log Number 0426F Applied Environmental Reference Number 910-02-0520-0426 January 7, 2004

Submitted to:

DOD, WHS, RE & F/FFD

Attn: Mr. Peter Gillson

Pentagon Building, Room 5E320A Arlington, Virginia 20301-1155

EXECUTIVE SUMMARY

Applied Environmental, Inc. conducted an Indoor Air Quality (IAQ) survey of Suite 900 at the Skyline V office building in Falls Church, Virginia. The initial survey was conducted on November 17 through 19, 2003. Additional sampling performed at the request of the occupants was conducted on December 8, 2003. The investigation was performed by William Lee, Staff Industrial Hygienist, in response to occupant complaints of medical conditions perceived to be related to IAQ following repeated water incursion into the suite. The assessment consisted of direct-reading measurement of carbon monoxide (CO), carbon dioxide (CO₂), temperature, and relative humidity. In addition, microbial air sampling was performed to measure viable airborne fungal and bacterial concentrations throughout the suite.

Air quality within Suite 900 of the Skyline V office building was within acceptable limits for most of the parameters measured. Temperatures exceeded the recommended comfort ranges in some locations. Microbial air concentrations were low in most locations and the organisms identified would not be anticipated to cause adverse health effects at the concentrations measured. However, in Rooms 9176, 9187, 9189, 9190, 9194, 9197, and 9196, fungal concentrations were moderately elevated and some of the organisms identified have been associated with adverse health effects, including *Aspergillus* and *Penicillium* species fungi. Visually inspected Heating, Ventilation and Air-Conditioning (HVAC) equipment was clean.

The recommendations for Skyline V, Suite 900 include:

- All water incursion sources in this suite must be identified and eliminated.
- Water damaged building materials allowed to remain wet for more than 48 hours should be removed and replaced, such as materials occupants reported that remained wet for several days, including carpeting, insulation and gypsum wallboard.

Full recommendations are provided at the conclusion of this report.

LOCATION DESCRIPTION

The office suite designated as Skyline V, Suite 900 is composed of 115 offices and conference rooms and one medium sized copy room. There are approximately 167 employees assigned to the suite. A copy of the floor plan is provided in Attachment 1.

Worker activities consist of typical office and administrative operations. No assembly, manufacturing, or other industrial operations are conducted in this area. The rooms contain typical office furnishings. Interior building materials consist of typical office components including gypsum wallboard, eight-foot suspended acoustic tile ceilings, and carpeting over concrete floors.

Housekeeping was satisfactory with light to moderate dust accumulation observed on horizontal surfaces in the suite. Water stained ceiling tiles in several offices, and many large stains on carpet in the common areas were present. The suite has experienced several rain water intrusions generally from the windows facing the courtyard near the vicinity of Room 9190. The last water incursion was reported to have occurred in September 2003. Building materials were reported to be significantly damaged during the rain event. In addition, water damaged building materials were reported by the suite occupants to be left in the damaged condition for approximately three days before any reactive abatement procedures commenced. As reported by the occupants, some base cove of affected walls was removed and cuts or openings were made to promote drying. No carpet was replaced. During the current survey, no obvious signs of microbial growth were observed.

Many odors from occupant attempts to improve the workspace ambient air, were noted throughout the suite. In addition, odors related to food and cooking were observed in the vicinity of the kitchenettes.

Supplies consisted of typical office products. No Hazardous Materials Inventories were available or chemicals stored were anticipated to adversely affect IAQ in the site.

SAMPLING STRATEGY

The IAQ survey, industrial hygiene sampling, and data interpretation were completed in accordance with protocol established by the following agencies and non-regulatory standards, as appropriate:

- Occupational Safety and Health Administration (OSHA);
- Environmental Protection Agency (EPA);
- National Institutes for Occupational Safety and Health (NIOSH);
- American Conference of Governmental Industrial Hygienists (ACGIH);
- American Industrial Hygiene Association (AIHA);
- American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., (ASHRAE);
- World Health Organization (WHO); and
- · Current industry standards.

SAMPLING RESULTS

The sampling locations and the results of the measurements collected are presented in the following data tables along with relevant comparison criteria for each sampling parameter.

Direct-Reading Measurements November 17, 2003

		November 1	17, 2003		
Location	Location Time		Temperature (°F)	Relative Humidity (%)	Carbon Monoxide (ppm)
COMPARISO	ON CRITERIA	Outdoor Concentration + 700 ppm (ASHRAE) <1,000 ppm (NIOSH/OSHA)	73-79°F summer/transitional 68-74°F winter/transitional ASHRAE 68-76°F OSHA	30-60% (ASHRAE) 20-60% (OSHA)	50 ppm (OSHA) 9 ppm (ASHRAE)
Outdoors 8:55 a.m.		370	50.9	80.7	0
	4:48 p.m.	397	54.0	84.0	0
Room 9093 9:17 a.m.		606	69.8	49.7	0
D 0005	2:10 p.m.	528 599	70.7	47.1	0
Room 9095	9:21 a.m.	481	70.0 73.6	45.1 43.3	0
Room 9099	2:12 p.m. 9:24 a.m.	583	71.2	43.3	0
K00III 9099	2:15 p.m.	589	73.2	43.7	0
Room 9096	9:27 a.m.	561	70.1	43.7	0
KOOIII 9090	2:17 p.m.	492	72.9	44.7	0
Room 9101	9:30 a.m.	573	69.9	43.9	0
Room 7101	2:19 p.m.	547	73.0	43.2	0
Room 9105	9:32 a.m.	580	68.3	45.2	0
	2:22 p.m.	503	70.1	44.1	ŏ
Room 9103	9:35 a.m.	559	70.9	46.0	0
	2:25 p.m.	504	70.4	46.9	o o
Room 9106	9:37 a.m.	543	70.7	44.4	0
	2:27 p.m.	590	70.6	47.3	0
Room 9107	9:40 a.m.	557	70.3	44.9	0
	2:30 p.m.	488	71.4	47.1	0
Room 9109	9:42 a.m.	589	70.7	44.1	0
	2:32 p.m.	526	71.0	46.5	0
Room 9116	9:44 a.m.	573	71.3	44.3	0
	2:34 p.m.	504	71.6	46.6	0
Room 9110	9:46 a.m.	563	71.5	43.4	0
	2:36 p.m.	525	72.1	46.2	0
Room 9112	9:48 a.m.	568	71.7	42.9	0
	2:38 p.m.	680	72.4	45.8	0
Room 9181	9:52 a.m.	501	70.5	43.7	0
	2:40 p.m.	476	71.1 70.6	45.4	0
Room 9180	9:54 a.m.	517		45.0	0
D 0150	2:43 p.m.	509	72.6	45.1	0
Room 9179	9:56 a.m.	538 511	72.7	44.2 44.9	0
Room 9187A	2:46 p.m. 9:58 a.m.	504	70.1	44.9	0
KOUIII 918/A	2:48 p.m.	532	71.8	45.2	0
Room 9177	10:01 a.m.	553	69.9	45.5	0
KOOIII 91 / /	2:50 p.m.	507	71.9	45.6	0
Room 9188	10:03 a.m.	517	69.3	45.9	0
KOUII 7100	2:53 p.m.	494	70.4	46.4	1 0
	2.00 p.m.	1,77	70.7	10.7	L

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Location	Time	Carbon Dioxide (ppm)	Temperature (°F)	Relative Humidity (%)	Carbon Monoxide (ppm)
Room 9189	10:06 a.m.	575	69.1	46.4	0
Room 7107	2:56 p.m.	503	70.6	47.3	0
Room 9207	10:09 a.m.	541	69.6	45.9	0
100m 7207	2:58 p.m.	586	71.1	46.8	0
Room 9206	10:12 a.m.	547	69.8	45.8	0
100m 7200	3:01 p.m.	535	71.4	47.0	
Room 9204	10:14 a.m.	516	69.3	45.7	1 0
	3:03 p.m.	503	71.8	46.6	l ő
Room 9199	10:16 a.m.	542	70.4	45.7	0
	3:05 p.m.	501	71.3	46.7	ő
Room 9198	10:18 a.m.	512	69.8	45.4	0
	3:07 p.m.	473	70.9	46.2	0
Room 9192	10:21 a.m.	613	69.1	47.2	0
	3:09 p.m.	485	71.3	47.2	0
Room 9193	10:23 a.m.	500	69.3	46.1	0
	3:11 p.m.	532	71.6	47.3	0
Room 9173	10:26 a.m.	523	69.7	46.2	0
	3:13 p.m.	456	71.6	45.4	0
Room 9176	10:28 a.m.	664	70.4	47.4	0
	3:16 p.m.	690	72.2	46.8	0
Room 9170	10:32 a.m.	572	71.0	44.3	0
	3:18 p.m.	553	72.4	46.1	0
Room 9169	10:35 a.m.	589	71.8	43.1	0
	3:20 p.m.	588	73.1	45.4	0
Room 9168	10:38 a.m.	551	71.6	43.9	0
	3:23 p.m.	485	73.6	43.5	0
Room 9158	10:40 a.m.	547	71.5	44.2	0
	3:25 p.m.	530	72.6	44.1	0
Room 9161	10:42 a.m.	506	70.8	44.5	0
n 01/0	3:27 p.m.	474	71.5	44.7	0
Room 9163	10:44 a.m.	479	70.4	44.8	0
D 01//4	3:29 p.m.	468	71.0	45.8	0
Room 9164	10:46 a.m.	492	70.8	45.4	0
Room 9156	3:31 p.m.	513 520	71.2 69.0	47.1	0
R00m 9156	10:48 a.m.	634		45.8	0
Mail room area near	3:33 p.m. 10:51 a.m.	549	69.3	46.4 46.7	0
Room 9157	3:36 p.m.	516	71.9	46.7 47.9	0
Room 9157	10:53 a.m.	551	70.7	46.0	0
KOOM 9137	3:38 p.m.	505	71.0	47.6	0
Room 9150	10:55 a.m.	522	70.2	46.0	0
ROOM 7150	3:41 p.m.	539	70.6	48.3	0
Room 9148	10:58 a.m.	526	71.2	44.7	0
100111 71 10	3:43 p.m.	596	70.9	48.2	0
Room 9146	11:00 a.m.	545	71.6	44.2	0
	3:45 p.m.	512	70.6	47.7	l ŏ
Room 9145	11:03 a.m.	495	70.9	44.6	0
	3:47 p.m.	473	70.4	47.3	0
Room 9143	11:05 a.m.	503	71.2	45.6	0
	3:50 p.m.	478	71.9	45.3	0
Room 9142	11:07 a.m.	573	71.6	45.7	0
	3:52 p.m.	489	70.8	47.8	Ö
Room 9141	11:09 a.m.	563	71.5	45.3	0
	3:54 p.m.	540	71.7	45.7	ŏ
Room 9140	11:11 a.m.	506	71.6	44.9	0
	3:56 p.m.	517	71.5	46.1	ŏ

Location	Time	Carbon Dioxide (ppm)	Temperature (°F)	Relative Humidity (%)	Carbon Monoxide (ppm)
Room 9139	11:13 a.m.	522	71.8	44.1	0
	3:58 p.m.	493	71.3	45.9	0
Room 9136	11:16 a.m.	479	72.0	43.5	0
	4:01 p.m.	581	71.5	46.0	0
Room 9137	11:19 a.m.	497	72.6	44.2	0
	4:05 p.m.	520	71.9	46.4	0
Room 9136A	11:21 a.m.	486	72.2	43.1	0
	4:03 p.m.	492	72.0	47.1	0
Room 9133	11:24 a.m.	492	72.8	43.6	0
	4:07 p.m.	546	72.7	45.3	0
Room 9134	11:27 a.m.	500	72.9	42.7	0
	4:09 p.m.	518	73.3	44.2	0
Room 9128	11:30 a.m.	522	73.6	41.9	0
	4:11 p.m.	493	73.1	44.0	0
Room 9127	11:32 a.m.	538	73.7	41.8	0
	4:13 p.m.	501	73.4	43.9	0
Room 9132	11:34 a.m.	500	74.0	41.2	0
	4:15 p.m.	489	73.4	44.0	0
Room 9126	11:37 a.m.	489	72.9	41.5	0
	4:17 p.m.	486	73.6	44.5	0
Room 9124	11:39 a.m.	515	72.4	42.4	0
	4:19 p.m.	464	72.9	44.4	0
Room 9108B	11:41 a.m.	498	72.8	43.1	0
	4:21 p.m.	562	72.9	44.9	0

After the initial work order was successfully completed, the suite occupants requested additional sampling to include every office in the suite. An amendment to the original work order was issued and subsequent sampling commenced.

Direct-Reading Measurements December 8, 2003

Location Time COMPARISON CRITERIA		(ppm) (°F)		Relative Humidity (%)	Carbon Monoxide (ppm)
		Outdoor Concentration + 700 ppm (ASHRAE) <1,000 ppm (NIOSH/OSHA)	73-79°F summer/transitional 68-74°F winter/transitional ASHRAE 68-76°F OSHA	30-60% (ASHRAE) 20-60% (OSHA)	50 ppm (OSHA) 9 ppm (ASHRAE)
Room 9096	10:55 a.m.	701	69.2	28.7	0
Room 9094	10:59 a.m.	730	74.4	24.5	0
Room 9101	11:03 a.m.	678	74.8	21.6	0
Room 9103	11:08 a.m.	622	73.9	20.7	0
Room 9108B	11:13 a.m.	736	73.9	21.6	0
Room 9109	11:16 a.m.	648	72.7	21.0	0
Room 9119	11:21 a.m.	629	72.9	22.0	0
Room 9120	11:25 a.m.	686	73.1	22.1	0
Room 9126	11:30 a.m.	629	73.1	21.1	0
Room 9131	11:34 a.m.	700	73.4	22.1	0

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Location	Time	Carbon Dioxide (ppm)	Temperature (°F)	Relative Humidity (%)	Carbon Monoxide (ppm)
Room 9132	11:39 a.m.	741	72.7	22.0	0
Room 9133	11:42 a.m.	757	72.9	22.2	0
Room 9136	11:45 a.m.	683	72.6	22.0	0
Room 9138	11:49 a.m.	634	72.7	23.0	0
Room 9139	11:53 a.m.	638	72.8	21.7	0
Room 9140	11:56 a.m.	663	73.1	21.2	0
Room 9143	12:00 p.m.	603	73.4	20.4	0
Room 9145	12:03 p.m.	564	73.6	20.2	0
Room 9144	12:06 p.m.	676	73.7	22.0	0
Room 9147	12:09 p.m.	519	73.4	19.8	0
Room 9149	12:14 p.m.	729	73.1	22.9	0
Room 9150	12:17 p.m.	652	72.0	21.6	0
Room 9151	12:21 p.m.	534	71.0	19.6	0
Room 9154	12:24 p.m.	491	71.3	18.8	0
Room 9164	12:54 p.m.	501	71.7	19.1	0
Room 9162	12:57 p.m.	485	71.8	19.3	0
Room 9173	12:35 p.m.	529	74.2	18.4	0
Room 9168	12:31 p.m.	547	74.3	19.1	0
Room 9169	12:45 p.m.	554	74.8	21.6	0
Room 9172	2:55 p.m.	552	68.3	20.7	0
Room 9192	1:01 p.m.	508	72.4	18.7	0
Room 9193	12:42 p.m.	513	75.1	18.5	0
Room 9195	1:08 p.m.	571	73.8	20.5	0
Room 9199	1:15 p.m.	576	74.9	18.8	0
Room 9202	1:11 p.m.	564	74.5	21.6	0
Room 9209	1:19 p.m.	536	74.2	20.2	0
Room 9203	1:29 p.m.	494	72.9	19.0	0
Room 9204	1:33 p.m.	559	71.5	18.4	0
Room 9201A	1:36 p.m.	511	71.3	19.1	0
Room 9198	2:39 p.m.	560	74.5	20.1	0
Room 9188	1:52 p.m.	531	69.2	20.8	0
Room 9186	2:12 p.m.	508	70.5	21.0	0
Room 9183	2:16 p.m.	557	71.5	20.3	0
Room 9180A	2:19 p.m.	642	72.9	22.0	0
Room 9114	2:24 p.m.	617	74.2	20.6	0
Room 9112	2:31 p.m.	770	74.6	25.1	0
Outdoors	2:38 p.m.	428	34.3	32.6	0

The CO₂ levels measured during the survey ranged from 464 parts per million (ppm) to 770 ppm and were within the recommended guidelines in all sampling locations. The outdoor concentrations measured on November 17, 2003, ranged from 370 ppm to 397 ppm and the outdoor concentration measured on December 8, 2003 was 338 ppm.

The CO concentrations during the surveys measured 0 ppm (undetectable) in all locations and were well below the recommended maximum.

Temperatures measured during the surveys ranged from 68.3°F to 75.1°F. During the November 17, 2003, survey the temperature was within the ASHRAE and OSHA guidelines at all sample locations. During the December 8, 2003, survey the temperature at 12 sample locations exceeded the ASHRAE range but was within the OSHA range at all locations.

Relative humidity measurements during the November 17, 2003 survey were within the ASHRAE and OSHA recommended comfort range in all locations. Relative humidity measurements on December 8, 2003 were below the ASHRAE recommended comfort range in all locations; and in 13 locations were also below the OSHA range. Outdoor temperatures on November 17, 2003, ranged from 50.9°F to 54.0°F with a relative humidity ranging from 80.7% to 84.0%. On December 8, 2003, the outdoor temperature was 34.3°F with relative humidity at 32.6%.

Microbial Sampling Results November 17, 2003

Sampling Number & Location	Sample Type	Result	Organisms Isolated
BL031117-01	Bacteria, Air, ID 1	30 cfu/m ³	Coagulase-negative Staphylococcus species (67%)
Room 9093			Micrococcus species (33%)
	Fungus, Air, ID 1	10 cfu/m³	Penicillium species (100%)
BL031117-02	Bacteria, Air, ID 1	30 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
Room 9095			
	Fungus, Air, ID 1	40 cfu/m ³	Penicillium species (50%)
			Cladosporium species (50%)
BL031117-03	Bacteria, Air, ID 1	10 cfu/m ³	Bacillus species (100%)
Room 9097		1	
	Fungus, Air, ID 1	30 cfu/m ³	Penicillium species (67%)
		<u> </u>	Paecilomyces species (33%)
BL031117-04	Bacteria, Air, ID 1	No growth	N/A
Room 9098		3	
	Fungus, Air, ID 1	30 cfu/m ³	Penicillium species (34%)
			Rhinocladiella species (33%)
			Cladosporium species (33%)
BL031117-05	Bacteria, Air, ID 1	No growth	N/A
Room 9099	E 41 TD 4	20 0 / 3	70 1 1111
	Fungus, Air, ID 1	30 cfu/m ³	Penicillium species (67%)
		37	Sterilia mycelia (33%)
BL031117-06	Bacteria, Air, ID 1	No growth	N/A
Room 9100	n	N 4	1274
DV 001115 05	Fungus, Air, ID 1	No growth	N/A
BL031117-07	Bacteria, Air, ID 1	No growth	N/A
Room 9104	n	20 6 / 3	(700.0)
	Fungus, Air, ID 1	20 cfu/m ³	Cladosporium species (50%)
			Paecilomyces species (50%)

Sampling Number & Location	Sample Type	Result	Organisms Isolated
BL031117-08 Room 9105	Bacteria, Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	No growth	N/A
BL031117-09 Room 9102	Bacteria, Air, ID 1	No growth	N/A
K00III 9102	Fungus, Air, ID 1	30 cfu/m ³	Cladosporium species (67%) Sterilia mycelia (33%)
BL031117-10 Room 9106	Bacteria, Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
Koom 2100	Fungus, Air, ID 1	90 cfu/m ³	Penicillium species (33%) Cladosporium species (22%) Aspergillus sydowii (11%) Paecilomyces species (11%) Rhinocladiella species (11%)
BL031117-11 Room 9107	Bacteria, Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
100m /10/	Fungus, Air, ID 1	30 cfu/m ³	Cladosporium species (34%) Penicillium species (33%) Sterilia mycelia (33%)
BL031117-12 Room 9108A	Bacteria, Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
Koon 9100A	Fungus, Air, ID 1	50 cfu/m ³	Cladosporium species (60%) Penicillium species (20%) Paccilomyces species (20%)
BL031117-13	Bacteria, Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
Room 9117	Fungus, Air, ID 1	30 cfu/m ³	Penicillium species (34%) Yeast (33%) Sterilia mycelia (33%)
BL031117-14	Bacteria , Air, ID 1	10 cfu/m ³	Micrococcus species (100%)
Room 9116	Fungus, Air, ID 1	30 cfu/m ³	Penicillium species (67%) Sterilia mycelia (33%)
BL031117-15 Room 9118	Bacteria , Air, ID 1	10 cfu/m ³	Bacillus species (100%)
1001110	Fungus, Air, ID 1	20 cfu/m ³	Cladosporium species (50%) Penicillium species (50%)
BL031117-16 Room 9117A	Bacteria , Air, ID 1	30 cfu/m ³	Coagulase-negative Staphylococcus species (34%) Micrococcus species (33%) Bacillus species (33%)
	Fungus, Air, ID 1	20 cfu/m ³	Aspergillus fumigatus (50%) Penicillium species (50%)
BL031117-17 Room 9110	Bacteria, Air, ID 1	10 cfu/m ³	Micrococcus species (100%)
	Fungus, Air, ID 1	No growth	N/A
BL031117-18 Room 9111	Bacteria, Air, ID 1	60 cfu/m ³	Coagulase-negative Staphylococcus species (83%) Micrococcus species (17%)
	Fungus, Air, ID 1	20 cfu/m ³	Cladosporium species (50%) Sterilia mycelia (50%)
BL031117-19 Room 9115	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	No growth	N/A
BL031117-20 Room 9180	Bacteria, Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	30 cfu/m ³	Cladosporium species (100%)

Sampling Number & Location	Sample Type	Result	Organisms Isolated
BL031117-21 Room 9113	Bacteria, Air, ID 1	No growth	N/A
R00III 9113	Fungus, Air, ID 1	20 cfu/m ³	Penicillium species (50%) Cladosporium species (50%)
BL031117-22 Room 9179	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	No growth	N/A
BL031117-23 Room 9181	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	30 cfu/m ³	Cladosporium species (34%) Rhinocladiella species (33%) Sterilia mycelia (33%)
BL031117-24 Room 9187A	Bacteria , Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	30 cfu/m ³	Sterilia mycelia (100%)
BL031117-25 Room 9182	Bacteria, Air, ID I	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	10 cfu/m ³	Aphanocladium species (100%)
BL031117-26 Room 9178	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	30 cfu/m ³	Sterilia mycelia (67%) Cladosporium species (33%)
BL031117-27 Room 9177	Bacteria, Air, ID 1	No growth	N/A
DI 001117.00	Fungus, Air, ID 1	No growth	N/A
BL031117-28 Room 9187B	Bacteria, Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
BL031117-29	Fungus, Air, ID 1 Bacteria, Air, ID 1	530 cfu/m ³	Aspergillus niger (100%) N/A
Room 9176	Fungus, Air, ID 1	>13,000 cfu/m ³	Aspergillus niger (100%)
BL031117-30	Bacteria, Air, ID 1	* **	Coagulase-negative Staphylococcus species (50%)
Room 9197	Bacteria, rin, ib i	20 cfu/m ³	Micrococcus species (50%)
	Fungus, Air, ID 1	710 cfu/m ³	Aspergillus niger (100%)
BL031117-31 Room 9196	Bacteria , Air, ID 1	* 30 cfu/m ³	Coagulase-negative Staphylococcus species (67%) Micrococcus species (33%)
	Fungus, Air, ID 1	430 cfu/m ³	Aspergillus niger (95%) Penicillium species (5%)
BL031117-32 Room 9190	Bacteria, Air, ID 1	* 20 cfu/m³	Coagulase-negative Staphylococcus species (50%) Bacillus species (50%)
DV 001117 00	Fungus, Air, ID 1	1,100 cfu/m ³	Aspergillus niger (100%)
BL031117-33 Room 9194	Bacteria, Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (50%) Micrococcus species (50%)
	Fungus, Air, ID 1	400 cfu/m ³	Aspergillus niger (100%)
BL031117-34 Room 9189	Bacteria , Air, ID 1	* 40 cfu/m ³	Coagulase-negative Staphylococcus species (50%) Bacillus species (25%) Corynebacterium species (25%)
	Fungus, Air, ID 1	710 cfu/m ³	Aspergillus niger (97%) Penicillium species (3%)

Sampling Number & Location	Sample Type	Result	Organisms Isolated
BL031117-35 Room 9191	Bacteria , Air, ID 1	30 cfu/m ³	Coagulase-negative Staphylococcus species (34%) Micrococcus species (33%) Corynebacterium species (33%)
	Fungus, Air, ID 1	90 cfu/m³	Aspergillus niger (56%) Cladosporium species (22%) Penicillium species (22%)
BL031117-36 Room 9174	Bacteria, Air, ID I	290 cfu/m ³	Coagulase-negative Staphylococcus species (67%) Micrococcus species (19%) Corynebacterium species (14%)
	Fungus, Air, ID 1	40 cfu/m ³	Aspergillus niger (75%) Penicillium species (25%)
BL031117-37 Room 9208	Bacteria , Air, ID 1	20 cfu/m ³	Bacillus species (100%)
	Fungus, Air, ID 1	30 cfu/m ³	Cladosporium species (67%) Aspergillus niger (33%)
BL031117-38 Room 9207	Bacteria, Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	10 cfu/m³	Sterilia mycelia (100%)
BL031117-39 Room 9206	Bacteria, Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	30 cfu/m ³	Penicillium species (67%) Cladosporium species (33%)
BL031117-40 Room 9201	Bacteria, Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	100 cfu/m ³	Cladosporium species (40%) Sterilia mycelia (30%) Penicillium species (20%) Aspergillus fumigatus (10%)
BL031117-41	Bacteria, Air, ID I	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
Room 9205	Fungus, Air, ID 1	No growth	N/A
BL031117-42 Room 9171	Bacteria , Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (50%) Micrococcus species (50%)
	Fungus, Air, ID 1	20 cfu/m^3	Penicillium species (50%) Cladosporium species (50%)
BL031117-43 Room 9170	Bacteria , Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	30 cfu/m ³	Cladosporium species (67%) Penicillium species (33%)
BL031117-44 Room 9175	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	60 cfu/m ³	Aspergillus fumigatus (34%) Penicillium species (33%) Cladosporium species (33%)
BL031117-45	Bacteria, Air, ID 1	No growth	N/A
Room 9167	Fungus, Air, ID 1	30 cfu/m ³	Sterilia mycelia (67%) Cladosporium species (33%)
BL031117-46 Room 9165	Bacteria , Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	10 cfu/m ³	Cladosporium species (100%)

Sampling Number & Location	Sample Type	Result	Organisms Isolated
BL031117-47 Room 9161	Bacteria , Air, ID 1	120 cfu/m ³	Coagulase-negative Staphylococcus species (50%) Corynebacterium species (25%) Micrococcus species (17%)
	Fungus, Air, ID I	20 cfu/m ³	Aspergillus fumigatus (50%) Cladosporium species (50%)
BL031117-48 Room 9163	Bacteria , Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	20 cfu/m ³	Cladosporium species (50%) Sterilia mycelia (50%)
BL031117-49 Room 9158	Bacteria , Air, ID 1	40 cfu/m ³	Bacillus species (100%)
	Fungus, Air, ID 1	30 cfu/m ³	Cladosporium species (67%) Geotrichum species (33%)
BL031117-50 Room 9156	Bacteria , Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	10 cfu/m ³	Penicillium species (100%)
BL031117-51 Kitchenette in hall, near	Bacteria , Air, ID 1	10 cfu/m ³ 30 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
Room 9157	Fungus, Air, ID 1		Cladosporium species (67%) Yeast (33%)
BL031117-52 Room 9157	Bacteria , Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (50%) Corynebacterium species (50%)
	Fungus, Air, ID 1	No growth	N/A
BL031117-53 Room 9152	Bacteria , Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	30 cfu/m ³	Cladosporium species (67%) Penicillium species (33%)
BL031117-54 Room 9148	Bacteria , Air, ID 1	40 cfu/m ³	Bacillus species (75%) Coagulase-negative Staphylococcus species (25%)
	Fungus, Air, ID 1	40 cfu/m ³	Aspergillus fumigatus (50%) Penicillium species (25%) Sterilia mycelia (25%)
BL031117-55 Room 9146	Bacteria , Air, ID 1	30 cfu/m ³	Coagulase-negative Staphylococcus species (67%) Micrococcus species (33%)
	Fungus, Air, ID 1	60 cfu/m ³	Cladosporium species (50%) Penicillium species (33%) Sterilia mycelia (17%)
BL031117-56 Room 9142	Bacteria , Air, ID 1	80 cfu/m³	Coagulase-negative Staphylococcus species (50%) Micrococcus species (26%) Staphylococcus aureus (12%)
	Fungus, Air, ID 1	50 cfu/m ³	Cladosporium species (60%) Penicillium species (20%) Sterilia mycelia (20%)
BL031117-57 Room 9142	Bacteria , Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	40 cfu/m ³	Sterilia mycelia (75%) Cladosporium species (25%)
BL031117-58 Room 9136C	Bacteria , Air, ID 1	40 cfu/m ³	Micrococcus species (50%) Bacillus species (25%) Corynebacterium species (25%)
	Fungus, Air, ID 1	30 cfu/m ³	Sterilia mycelia (67%) Cladosporium species (33%)

	Sample Type	Result	Organisms Isolated
BL031117-59 Room 9137	Bacteria, Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
KOOIII 913/	Fungus, Air, ID I	10 cfu/m³	Sterilia mycelia (100%)
BL031117-60	Bacteria, Air, ID 1	110 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
Room 9136	Bacteria, Air, ib i	rio ciu/iii	Coagulase-negative staphylococcus species (100%)
	Fungus, Air, ID 1	10 cfu/m ³	Penicillium species (100%)
BL031117-61 Room 9135	Bacteria, Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (50%) Bacillus species (50%)
	Fungus, Air, ID 1	10 cfu/m ³	Sterilia mycelia (100%)
BL031117-62 Room 9136C	Bacteria , Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	40 cfu/m ³	Sterilia mycelia (50%) Aspergillus fumigatus (25%) Geotrichum species (25%)
BL031117-63	Bacteria, Air, ID 1	30 cfu/m ³	Micrococcus species (67%)
Room 9134			Coagulase-negative Staphylococcus species (33%)
	Fungus, Air, ID 1	20 cfu/m ³	Cladosporium species (100%)
BL031117-64 Room 9128	Bacteria, Air, ID 1	40 cfu/m ³	Coagulase-negative Staphylococcus species (75%) Corynebacterium species (25%)
	Fungus, Air, ID 1	80 cfu/m ³	(500/)
			Cladosporium species (50%) Sterilia mycelia (38%) Penicillium species (12%)
BL031117-65	Bacteria, Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
Room 9129			
	Fungus, Air, ID 1	No growth	N/A
BL031117-66 Room 9121	Bacteria , Air, ID 1	80 cfu/m ³	Coagulase-negative Staphylococcus species (88%) Corynebacterium species (12%)
		***	Penicillium species (40%)
	Fungus, Air, ID 1	50 cfu/m ³	Cladosporium species (40%)
BL031117-67	Bacteria, Air, ID 1	10 cfu/m ³	Geotrichum species (20%) Coagulase-negative Staphylococcus species (100%)
Room 9127	Bacteria, All, ID I	10 clu/m	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	30 cfu/m ³	Cladosporium species (34%) Penicillium species (22%)
			Sterilia mycelia (33%)
BL031117-68 Room 9124	Bacteria, Air, ID I	No growth	N/A
	Fungus, Air, ID 1	10 cfu/m ³	Sterilia mycelia (100%)
BL031117-69 Elevator area-core	Bacteria, Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	30 cfu/m ³	Cladosporium species (67%) Sterilia mycelia (33%)
3L031117-70	Bacteria , Air, ID 1	40 cfu/m ³	Corynebacterium species (75%) Bacillus species (25%)
Outdoors		150 cfu/m ³	Cladosporium species (47%)

Microbial Sampling Results December 8, 2003

	υ	ecember 8, 20	03
Sampling Number & Location	Sample Type	Result	Organisms Isolated
BL031208-01	Bacteria, Air, ID 1	No growth	N/A
Room 9096		110 810	
	Fungus, Air, ID 1	No growth	N/A
BL031208-02	Bacteria, Air, ID 1	30 cfu/m ³	Micrococcus species (67%)
Room 9094			Coagulase-negative Staphylococcus species (33%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-03 Room 9101	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	No growth	N/A
BL031208-04	Bacteria, Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species
Room 9103			(100%)
	Fungus, Air, ID 1	No growth	
71.01.100.05			N/A
BL031208-05 Room 9108B	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	No growth	N/A
BL031208-06	Bacteria, Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (50%)
Room 9109			Corynebacterium species (50%)
	Fungus, Air, ID 1	10 cfu/m ³	Penicillium species (100%)
BL031208-07	Bacteria, Air, ID 1	40 cfu/m ³	Coagulase-negative Staphylococcus species (50%)
Room 9119			Micrococcus species (25%)
			Bacillus species (25%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-08	Bacteria, Air, ID 1	40 cfu/m ³	Coagulase-negative Staphylococcus species (50%)
Room 9120	, ,		Micrococcus species (50%)
	Fungus, Air, ID 1	20 cfu/m ³	Sterilia mycelia (50%)
	Tungus, An, no i	20 Clu/III	Yeast (50%)
BL031208-09	Bacteria, Air, ID 1	20 cfu/m ³	Micrococcus species (50%)
Room 9126			Corynebacterium species (50%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-10	Bacteria, Air, ID 1	No growth	N/A
Room 9131	Pour Air ID I	NT 4	N/A
BL031208-11	Fungus, Air, ID 1 Bacteria, Air, ID 1	No growth 10 cfu/m ³	N/A Coagulase-negative Staphylococcus species
Room 9132	Bacteria, Air, ID I	10 clu/m	(100%)
K00III 9132	Fungus, Air, ID 1	No growth	(10076)
	Tungus, Tun, 10 1	140 growin	N/A
BL031208-12	Bacteria , Air, ID 1	20 cfu/m ³	Coagulase-negative Staphylococcus species (50%)
Room 9133			Bacillus species (50%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-13	Bacteria, Air, ID 1	No growth	N/A
Room 9136B	Fungus, Air, ID 1	No growth	N/A
BL031208-14	Bacteria, Air, ID 1	60 cfu/m ³	Coagulase-negative Staphylococcus species (83%)
Room 9138	Dactoria, All, ID I	oo ciu/iii	Micrococcus species (17%)
			Andread appeared (1770)
	Fungus, Air, ID 1	No growth	N/A

Sampling Number & Location	Sample Type	Result	Organisms Isolated
BL031208-15 Room 9139	Bacteria , Air, ID 1	30 cfu/m ³	Coagulase-negative Staphylococcus species (67%) Corynebacterium species (33%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-16 Room 9140	Bacteria , Air, ID 1	80 cfu/m ³	Bacillus species (38%) Micrococcus species (38%) Coagulase-negative Staphylococcus species (24%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-17 Room 9143	Bacteria , Air, ID 1	50 cfu/m ³	Coagulase-negative Staphylococcus species (40%) Bacillus species (40%) Non-fermentative gram-negative rods (20%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-18 Room 9145	Bacteria, Air, ID 1	No growth	N/A
BL031208-19	Fungus, Air, ID 1 Bacteria, Air, ID 1	No growth 10 cfu/m ³	N/A Bacillus species (100%)
Room 9144			• • • •
DI 001000 00	Fungus, Air, ID 1	I0 cfu/m ³	Sterilia mycelia (100%)
BL031208-20 Room 9147	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	10 cfu/m³	Aspergillus species (100%)
BL031208-21 Room 9149	Bacteria , Air, ID 1	No growth	N/A
DI 021209 22	Fungus, Air, ID 1 Bacteria , Air, ID 1	10 cfu/m ³ 20 cfu/m ³	Aspergillus sydowii (100%) Coagulase-negative Staphylococcus species (50%)
BL031208-22 Room 9150	Bacteria, Air, ID I	20 ciu/m	Micrococcus species (50%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-23 Room 9151	Bacteria, Air, ID 1 Fungus, Air, ID 1	30 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	rungus, An, 1D i	10 Ciu/iii	Sterilia mycelia (100%)
BL031208-24 Room 9154	Bacteria , Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	No growth	N/A
BL031208-25 Room 9164	Bacteria, Air, ID 1	30 cfu/m ³	Bacillus species (67%) Corynebacterium species (33%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-26 Room 9162	Bacteria, Air, ID 1	30 cfu/m ³	Coagulase-negative Staphylococcus species (67%) Bacillus species (33%)
	Fungus, Air, ID 1	20 cfu/m ³	Aspergillus ustus (50%) Cladosporium species (50%)
BL031208-27 Room 9173	Bacteria, Air, ID 1	10 cfu/m³	Bacillus species (100%)
DI 021200 20	Fungus, Air, ID 1	No growth 20 cfu/m ³	N/A Positive grassics (50%)
BL031208-28 Room 9168	Bacteria, Air, ID 1	20 cm/m ³	Bacillus species (50%) Non-fermentative gram-negative rods (50%)
	Fungus, Air, ID 1	10 cfu/m ³	Yeast (100%)
BL031208-29 Room 9169	Bacteria , Air, ID 1	10 cfu/m ³	Bacillus species (100%)
	Fungus, Air, ID 1	10 cfu/m ³	Cladosporium species (100%)

Sampling Number & Location	Sample Type	Result	Organisms Isolated
BL031208-30 Room 9172	Bacteria , Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-31 Room 9173	Bacteria, Air, ID 1	10 cfu/m ³	Bacillus species (100%)
Room 5175	Fungus, Air, ID 1	No growth	N/A
BL031208-32 Room 9192	Bacteria, Air, ID 1	10 cfu/m ³	Streptomyces species (100%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-33 Room 9193	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	20 cfu/m ³	Penicillium species (50%) Sterilia mycelia (50%)
BL031208-34 Room 9195	Bacteria, Air, ID 1	10 cfu/m ³	Coagulase-negative Staphylococcus species (100%)
	Fungus, Air, ID 1	20 cfu/m ³	Aspergillus niger (50%)
			Aspergillus species (50%)
BL031208-35 Room 9199	Bacteria, Air, ID 1	30 cfu/m ³	Sterilia mycelia (67%) Micrococcus species (33%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-36 Room 9202	Bacteria, Air, ID 1	No growth	N/A
Itoom / Dob	Fungus, Air, ID 1	No growth	N/A
BL031208-37 Room 9209	Bacteria , Air, ID 1	30 cfu/m ³	Coagulase-negative Staphylococcus species (67%) Bacillus species (33%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-38 Room 9203	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	No growth	N/A
BL031208-39 Room 9204	Bacteria, Air, ID 1	No growth	N/A
DI 021200 40	Fungus, Air, ID 1	No growth	N/A
BL031208-40 Room 9201A	Bacteria , Air, ID 1	No growth	N/A
BL031208-41	Fungus, Air, ID 1 Bacteria, Air, ID 1	No growth No growth	N/A
Room 9198		J	
DI 021000 40	Fungus, Air, ID 1	No growth	N/A
BL031208-42 Room 9188	Bacteria , Air, ID 1	No growth	N/A
DI 021200 42	Fungus, Air, ID 1	No growth	N/A
BL031208-43 Room 9186	Bacteria , Air, ID 1	30 cfu/m ³	Coagulase-negative Staphylococcus species (34%) Bacillus species (33%) Non-fermentative gram-negative rods (33%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-44 Room 9183	Bacteria , Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	10 cfu/m ³	Aspergillus niger (100%)
BL031208-45 Room 9180A	Bacteria , Air, ID 1	10 cfu/m ³	Bacillus species (100%)
DI 001000 16	Fungus, Air, ID 1	No growth	N/A
BL031208-46 Room 9114	Bacteria, Air, ID 1	No growth	N/A
	Fungus, Air, ID 1	No growth	N/A

Sampling Number & Location	Sample Type	Result	Organisms Isolated
BL031208-47	Bacteria, Air, ID 1	60 cfu/m ³	Bacillus species (50%)
Room 9112			Coagulase-negative Staphylococcus species (33%)
			Micrococcus species (17%)
	Fungus, Air, ID 1	No growth	N/A
BL031208-48	Bacteria, Air, ID 1	10 cfu/m ³	Non-fermentative gram-negative rods (100%)
Outdoors			
	Fungus, Air, ID 1	10 cfu/m³	Aspergillus species (100%)
BL031208-49	Bacteria, Air, ID 1	No growth	N/A
Blank			
	Fungus, Air, ID 1	No growth	N/A
Comparison Criteria			
(OSHA Technical Manua	Contamination Indicators))	
1,000 cfu/m3 in air			

Microbial samples were collected to determine the airborne concentrations of viable bacteria and fungi. Airborne bacterial and fungal concentrations were low in most locations. However, several offices in the vicinity of Office 9190 were reported with moderately elevated indoor fungal concentrations as compared to the conditions from the rest of the suite.

Some of the organisms identified, Aspergillus species, Penicillium species, and Cladosporium species fungi have been associated with adverse health effects. The data may suggest the selective amplification of these organisms in the areas surrounding Office 9190. This area was subject to the water incursion in September 2003 in which building material reportedly remained wet for several days. In areas where an increase in airborne fungal concentrations was found, these organisms could be responsible for the adverse health effects reported in by some occupants.

The laboratory data reports are included as Attachment 2.

OCCUPANT INTERVIEW RESULTS

Interviews were conducted with a representative number of occupants. Some occupants had a wide range of concerns and complaints while the majority reported no discomfort related to IAQ.

A majority of occupant complaints were related to personal comfort. Temperature issues and the perception of "stale" or stuffy air were noted. Other IAQ concerns such as asbestos and radon exposure were noted.

Upon returning to his office after the remediation effort following the September 2003 water incursion, one occupant had a reaction that affected his eyes. The occupant moved into a different office and stated that his condition subsided after the office change. His original office remains vacant at the time of the survey.

Other occupants complained of dry coughs, dry and itchy eyes and noses, and headaches during periods when the air is perceived to be stuffy.

No spatial pattern can be established using the occupant interviews. Complaints and discomfort and lack of discomfort were reported in random areas throughout the suite.

The occupant interview forms are included in Attachment 3.

VENTILATION INSPECTION

Suite 900 is supplied with conditioned air by two Air-Handling Units (AHUs) located in the penthouse mechanical room. AHU-1 serves the north side of the floor and AHU-2 serves the south side.

AHU-1 and AHU-2 are high capacity units serving all floors of the Skyline V building. The units are equipped with electric heating elements and chill water-cooling coils. The engineer assisting with the inspection indicated that the preventative maintenance schedule is performed quarterly. The filters in both units were blanket-type, spun-fiber media and were moderately loaded with particulate. The coils were moderately loaded with particulate and a moderate amount of debris was noted in the plenums. Condensate drip pans were inaccessible since the units were activated. The outdoor air dampers were 40% open and return air dampers were in the minimum position.

The penthouse mechanical room was clean and in good condition. Stored tools and equipment were present in the mechanical room. However, no chemicals or other materials that would be expected the adversely affect IAQ were observed in the penthouse mechanical room.

Supply air is introduced to Suite 900 by ceiling diffusers connected to supply ductwork. Perimeter offices are equipped with variable air volume (VAV) units, and core areas are supplied via Constant Volume distribution. Return air from the office area enters the ceiling plenum passively through perforated ceiling screens and is ducted back to the penthouse. In Office 9144, an occupant-controlled powered return air fan was observed above the return air grille. In some offices occupants had modified the supply air diffusers and return air grilles in response to personal comfort issues. Several offices had fans and heaters for personal comfort.

Room 9121 is used as a copier room and contains a supplemental cooling system in response to equipment demands. The single stage filters in the supplemental unit were moderately loaded with particulate and a large amount of dust was observed on the horizontal surfaces of the unit.

FINDINGS AND RECOMMENDATIONS

It was reported that building materials damaged by the September 2003 water incursion were allowed to remain wet for several days. The Institute of Inspection Cleaning and Restoration, Standard and Reference Guide for Professional Water Damage Restoration, IICRC S500, states that steps should be taken to promote drying as soon as possible after a water incursion or source is repaired. The standard also states that building materials that are allowed to remain wet for over 48 hours should be removed. Water damaged material that was not properly remediated could potentially support microbial reservoirs. Sample results may indicate selective amplification of some fungal organism in the areas of the latest water incursion.

- Building materials, including gypsum drywall and carpeting, damaged in the September 2003 storm should be removed.
- Post remediation investigations should be considered to determine if any additional potential microbial reservoirs are observed prior to reconstruction.
- DOD, WHS should implement steps to ensure that off-site building management is
 properly responding to water damage at leased properties. A written protocol that
 outlines the responsibilities for responding to water damage incidents should be produced
 to ensure the proper repair or replacement of damaged building materials preventing
 microbial issues in the future.

Water damaged ceiling tiles were observed in several offices, which could potentially support microbial reservoirs. The sample results did not indicate indoor microbial amplification at the time of the survey due to damaged ceiling tiles.

- Sources of water responsible for the damage to all ceiling tiles should be identified and eliminated.
- Water damaged ceiling tiles should be replaced.

Some temperatures slightly exceeded the ASHRAE recommended comfort ranges during the afternoon hours and relative humidity measurements were below the ASHRAE and OSHA recommendations on the final day of the survey.

 Temperatures in occupied areas should be maintained within ASHRAE and OSHA guidelines and relative humidity should be maintained above 20% during the winter period.

Many odors related to the occupants attempting to improve IAQ within the suite and kitchenette areas were noted. Occupants were observed to use many different air freshening products to attempt to counter perceived odors ranging from cooking odors, rotten food, garbage odors, personal hygiene, and other sources of stagnant or malodorous conditions.

Steps should be initiated by the office occupants to improve office and kitchen hygiene.
 The introduction of odor producing chemicals by occupants should be restricted since the action is likely masking potential IAQ problems or exacerbating existing potential concerns. Sensitive occupants may adversely react to continuous VOC exposure created by the overuse of air freshening agents.

During the investigation at least one occupant was noted with a medical condition perceived to be related to IAQ.

 Affected individuals should be provided with a copy of this report and encouraged to interact with their physician or other qualified medical personnel.

ATTACHMENT 1 FLOOR PLAN

(b) (5), (b) (7)(F)

ATTACHMENT 2 LABORATORY REPORTS

EROBIOLOGY LABORATORY ASSOCIATES, INCORPORATED MICROBIOLOGY SPECIALISTS

Certificate of Laboratory Analysis

Applied Environmental, Inc.

11800 Sunrise Valley Dr., Suite 1200

Reston, VA 20191

Date Reported: 11/24/2003

Page 1 of 71

Job ID:

Date Received: 11/18/2003

03 7231

Lab Sample Number: 03 7231-01

Attn:

Project: 910-02-0520-0426

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-01 Sampling Location:

Room 9093

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

67% 33%

Micrococcus species

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Penicillium species

100%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



Applied Environmental, Inc.

11800 Sunrise Valley Dr., Suite 1200

Reston, VA 20191

Attn:

Project: 910-02-0520

Client Sample Number: BL031117-02

Sampling Location:

Date Collected:

TEST REQUESTED:

Room 9095

Condition of Sample: MEA BL031117-66 damaged in transit

11/17/2003

Volume/Area:

Page 2 of 71

Job ID:

Date Received: 11/18/2003

Date Reported: 11/24/2003

03 7231

Lab Sample Number: 03 7231-02

100 L

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

50%

50%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

40 cfu/m3

FUNGUS Isolated:

Penicillium species

Cladosporium species

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



Applied Environmental, Inc.

11800 Sunrise Valley Dr., Suite 1200

Reston, VA 20191

Page 3 of 71 Job ID:

Date Received: 11/18/2003

Date Reported: 11/24/2003

Attn:

Project: 910-02-0520

Client Sample Number: BL031117-03 Sampling Location:

Room 9097

Date Collected:

11/17/2003

Condition of Sample: MEA BL031117-66 damaged in transit

Volume/Area:

100 L

03 7231

Lab Sample Number: 03 7231-03

Total BACTERIAL Count:

TEST REQUESTED:

10 cfu/m3

BACTERIA Isolated:

Bacillus species

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Penicillium species

67% 33%

100%

Paecilomyces species

Detection Limits: Date Analyzed:

10 cfu/m3 11/24/2003

Analyst:



Applied Environmental, Inc.

11800 Sunrise Valley Dr., Suite 1200

Reston, VA 20191

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-04 Sampling Location:

Room 9098

Lab Sample Number: 03 7231-04

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Penicillium species

34%

Rhinocladiella species

33%

Cladosporium species

33%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:

EROBIOLOGY LABORATORY ASSOCIATES, INCORPORATED MICROBIOLOGY SPECIALISTS

Certificate of Laboratory Analysis

Date Received: 11/18/2003

Date Reported: 11/24/2003

03 7231

100 L

67%

33%

Lab Sample Number: 03 7231-05

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Volume/Area:

Job ID:

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Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-05 Room 9099 Sampling Location:

11/17/2003

Date Collected:

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Penicillium species

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



Applied Environmental, Inc.

11800 Sunrise Valley Dr., Suite 1200

Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Job ID:

03 7231

Lab Sample Number: 03 7231-06

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-06 Sampling Location:

Room 9100

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Reported: 11/24/2003 Page 7 of 71

Attn:

Project: 910-02-0520

Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-07 Sampling Location:

Room 9104

Lab Sample Number: 03 7231-07

Date Received: 11/18/2003

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Cladosporium species

50%

Paecilomyces species

50%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



Applied Environmental, Inc.

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Reston, VA 20191

Job ID:

Date Received: 11/18/2003 Date Reported: 11/24/2003

03 7231

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Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-08 Sampling Location:

Room 9105

Lab Sample Number: 03 7231-08

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Reston, VA 20191

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-09 Sampling Location:

Room 9102

Lab Sample Number: 03 7231-09

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Cladosporium species

67% 33%

Sterilia mycelia

Detection Limits: Date Analyzed:

10 cfu/m311/24/2003

Analyst:



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Attn:

Project: 910-02-0520

Date Reported: 11/24/2003

Date Received: 11/18/2003

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Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-10

Sampling Location:

Room 9106

Date Collected:

11/17/2003

Volume/Area:

Lab Sample Number: 03 7231-10 100 L

TEST REQUESTED:

Reston, VA 20191

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

90 cfu/m3

FUNGUS Isolated:

Penicillium species 33% Cladosporium species 22% Aspergillus sydowii 11% Paecilomyces species 11% Rhinocladiella species 11%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Reston, VA 20191

Attn:

Project: 910-02-0520

Date Received: 11/18/2003 Date Reported: 11/24/2003

Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-11 Sampling Location:

Room 9107

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Lab Sample Number: 03 7231-11

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Cladosporium species

34%

Penicillium species

33% 33%

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Reston, VA 20191

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-12 Sampling Location:

Room 9108A

Lab Sample Number: 03 7231-12

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1030 AIR, Total FUNGAL Count w/Identifications 1005 AIR, Total BACTERIAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

50 cfu/m3

FUNGUS Isolated:

Cladosporium species

60% 20%

Penicillium species Paecilomyces species

20%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Reported: 11/24/2003 Page 13 of 71

Attn:

Job ID:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-13 Sampling Location:

Room 9117

Lab Sample Number: 03 7231-13

03 7231

Date Received: 11/18/2003

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Penicillium species

Yeast

34% 33%

33%

Detection Limits:

Sterilia mycelia 10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



Applied Environmental, Inc.

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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-14 Sampling Location:

Room 9116

Lab Sample Number: 03 7231-14

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Micrococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Penicillium species

67% 33%

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Project: 910-02-0520

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Date Received: 11/18/2003 Date Reported: 11/24/2003

Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-15 Sampling Location:

Room 9118

11/17/2003

Volume/Area:

Lab Sample Number: 03 7231-15 100 L

Date Collected: TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Bacillus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Cladosporium species

50% 50%

Penicillium species

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Reston, VA 20191

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Project: 910-02-0520

Job ID:

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-16 **Sampling Location:**

Room 9117A

Lab Sample Number: 03 7231-16

03 7231

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

34%

Micrococcus species

33%

Bacillus species

33%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Aspergillus fumigatus

50% 50%

Penicillium species

Detection Limits: Date Analyzed:

10 cfu/m311/24/2003

Analyst:



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Attn: Project: 910-02-0520

Date Reported: 11/24/2003 Page 17 of 71

Date Received: 11/18/2003

Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit Client Sample Number: BL031117-17 Lab Sample Number: 03 7231-17

Sampling Location:

Room 9110

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

Date Collected:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Micrococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Volume/Area:

Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-18 Sampling Location:

Room 9111

Lab Sample Number: 03 7231-18

Date Collected:

11/17/2003

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

 60 cfu/m_3

BACTERIA Isolated:

Coag-negative Staphylococcus species

83%

Micrococcus species

17%

Date Analyzed:

11/21/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Cladosporium species

50% 50%

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:

EROBIOLOGY LABORATORY ASSOCIATES, INCORPORATED MICROBIOLOGY SPECIALISTS

Certificate of Laboratory Analysis

Applied Environmental, Inc.

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Reston, VA 20191

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit Lab Sample Number: 03 7231-19

Client Sample Number: BL031117-19 Sampling Location:

Room 9115

Date Collected: 11/17/2003

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Date Received: 11/18/2003

Date Reported: 11/24/2003

03 7231

100 L

Page 19 of 71

Volume/Area:

Job ID:

Total BACTERIAL Count:

TEST REQUESTED:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Volume/Area:

Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-20 Sampling Location:

Room 9180

Lab Sample Number: 03 7231-20

Date Collected:

11/17/2003

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Cladosporium species

100%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:

EROBIOLOGY LABORATORY ASSOCIATES, INCORPORATED MICROBIOLOGY SPECIALISYS

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Reston, VA 20191

Attn:

Project: 910-02-0520

Client Sample Number: BL031117-21

Sampling Location:

Room 9113

Date Collected: 11/17/2003

TEST REQUESTED:

Total BACTERIAL Count:

Date Analyzed:

Analyst:

Total FUNGAL Count:

FUNGUS Isolated:

Detection Limits:

Date Analyzed:

Analyst:

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Lab Sample Number: 03 7231-21

Volume/Area:

100 L

1005 AIR, Total BACTERIAL Count w/Identifications

50%

50%

1030 AIR, Total FUNGAL Count w/Identifications

No growth 11/20/2003

Kay Frick, B.S., MT (ASCP)

20 cfu/m3Penicillium species

Cladosporium species

10 cfu/m3

11/24/2003



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-22 Sampling Location:

Room 9179

11/17/2003

Lab Sample Number: 03 7231-22

Volume/Area:

100 L

TEST REQUESTED:

Date Collected:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-23 Sampling Location:

Room 9181

Lab Sample Number: 03 7231-23

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Cladosporium species

34%

Rhinocladiella species

33% 33%

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Project: 910-02-0520

Page 24 of 71 Job ID:

03 7231

Lab Sample Number: 03 7231-24

Date Received: 11/18/2003

Date Reported: 11/24/2003

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-24 Sampling Location: **Date Collected:**

Room 9187A

11/17/2003 Volume/Area: 100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

Detection Limits:

10 cfu/m

Date Analyzed:

11/24/2003

Analyst:



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Date Reported: 11/24/2003 Page 25 of 71

Attn:

Project: 910-02-0520

Job ID:

03 7231

Lab Sample Number: 03 7231-25

Date Received: 11/18/2003

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-25 Sampling Location:

Room 9182

11/17/2003

Volume/Area:

100 L

Date Collected: TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Aphanocladium species

100%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:

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Attn:

Project: 910-02-0520

Date Received: 11/18/2003 **Date Reported: 11/24/2003**

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Job ID:

03 7231

Lab Sample Number: 03 7231-26

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-26

Sampling Location: Room 9178 **Date Collected:**

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

67%

Cladosporium species

33%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Reston, VA 20191

Attn:

Project: 910-02-0520

Job ID:

03 7231

Lab Sample Number: 03 7231-27

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Date Received: 11/18/2003

Date Reported: 11/24/2003

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-27

Sampling Location: **Date Collected:**

Room 9177

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:

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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Project: 910-02-0520

Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-28 Sampling Location:

Room 9187B

Lab Sample Number: 03 7231-28

Date Collected: 11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

100%

Date Analyzed:

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

530 cfu/m3

FUNGUS Isolated:

Aspergillus niger

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Lab Sample Number: 03 7231-29

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-29 **Sampling Location:**

Room 9176

11/17/2003 Volume/Area: 100 L

Date Collected: TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Unable to characterize and quantitate bacteria due to heavy

fungal growth.

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

>13,000 cfu/m3

FUNGUS Isolated:

Aspergillus niger 10 cfu/m3

100%

Detection Limits: Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-30

Room 9197

Lab Sample Number: 03 7231-30

Sampling Location: **Date Collected:**

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Count may be underestimated due to fungal growth.

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

50%

100%

Micrococcus species

50%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

710 cfu/m3

FUNGUS Isolated: **Detection Limits:**

Aspergillus niger

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Project: 910-02-0520

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Job ID:

03 7231

Lab Sample Number: 03 7231-31

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-31

Sampling Location:

Room 9196

Date Collected: 11/17/2003 Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Count may be underestimated due to fungal growth.

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

67%

Micrococcus species

33%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

430 cfu/m3

FUNGUS Isolated:

Aspergillus niger

95% 5%

Penicillium species

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Sampling Location:

Client Sample Number: BL031117-32

Lab Sample Number: 03 7231-32

Date Collected:

Room 9190

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Count may be underestimated due to fungal growth.

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Date Analyzed:

Coag-negative Staphylococcus species

50% 50%

100%

Bacillus species

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

1100 cfu/m3

FUNGUS Isolated:

Aspergillus niger

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Page 33 of 71 Job ID:

Date Received: 11/18/2003 Date Reported: 11/24/2003

03 7231

Lab Sample Number: 03 7231-33

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-33 Sampling Location:

Room 9194

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Count may be underestimated due to fungal growth.

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

50% 50%

100%

Micrococcus species

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

400 cfu/m3

FUNGUS Isolated:

Aspergillus niger

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:

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Project: 910-02-0520

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-34 Sampling Location:

Room 9189

11/17/2003

Lab Sample Number: 03 7231-34

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Count may be underestimated due to fungal growth.

Total BACTERIAL Count:

40 cfu/m3

BACTERIA Isolated:

Date Collected:

Coag-negative Staphylococcus species

50% 25%

Bacillus species

Corynebacterium species

25%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

710 cfu/m3

FUNGUS Isolated:

Aspergillus niger

97% 3%

Penicillium species

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-35

Room 9191

Lab Sample Number: 03 7231-35

Sampling Location: **Date Collected:**

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA isolated:

Coag-negative Staphylococcus species

34%

Micrococcus species

33%

Corynebacterium species

33%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

90 cfu/m3

FUNGUS Isolated:

Aspergillus niger

56%

Cladosporium species

22% 22%

Penicillium species

Detection Limits: Date Analyzed:

10 cfu/m3 11/24/2003

Analyst:



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Date Reported: 11/24/2003 Page 36 of 71

Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-36

Room 9174

Lab Sample Number: 03 7231-36

Date Received: 11/18/2003

Sampling Location: **Date Collected:**

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

290 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

67% 19%

Micrococcus species

Corynebacterium species

14%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

40 cfu/m3

FUNGUS Isolated:

Aspergillus niger

75% 25%

Penicillium species

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Project: 910-02-0520

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Lab Sample Number: 03 7231-37

Date Received: 11/18/2003 Date Reported: 11/24/2003

Job ID:

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-37 Sampling Location:

Room 9208

11/17/2003

Volume/Area:

100 L

Date Collected: TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Bacillus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Cladosporium species

67% 33%

Aspergillus niger

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Project: 910-02-0520

Date Reported: 11/24/2003 Page 38 of 71

Volume/Area:

Job ID: 03 7231

Date Received: 11/18/2003

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-38

Sampling Location:

Room 9207

11/17/2003

Lab Sample Number: 03 7231-38

100 L

Date Collected:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

TEST REQUESTED:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Project: 910-02-0520

Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-39 Sampling Location:

Room 9206

Lab Sample Number: 03 7231-39

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Penicillium species

67% 33%

Cladosporium species

Detection Limits: Date Analyzed:

10 cfu/m3 11/24/2003

Analyst:



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Attn:

Project: 910-02-0520

Date Received: 11/18/2003 Date Reported: 11/24/2003

Lab Sample Number: 03 7231-40

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Job ID: 03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-40 Sampling Location:

Room 9201

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

Date Collected:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

100 cfu/m3

FUNGUS Isolated:

Cladosporium species 40% Sterilia mycelia 30% Penicillium species 20% Aspergillus fumigatus 10%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Project: 910-02-0520

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Job ID:

03 7231

Lab Sample Number: 03 7231-41

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-41 Sampling Location:

Room 9205

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-42

Room 9171

Lab Sample Number: 03 7231-42

Sampling Location: **Date Collected:**

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

50%

Micrococcus species

50%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Penicillium species

50%

Cladosporium species

50%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-43 Sampling Location:

Room 9170

Lab Sample Number: 03 7231-43

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Cladosporium species

67% 33%

Penicillium species

10 cfu/m3

Detection Limits: Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

Lab Sample Number: 03 7231-44

34%

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Attn: Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-44

Sampling Location: Room 9175

Date Collected: 11/17/2003

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

No growth Total BACTERIAL Count:

Date Analyzed:

11/20/2003

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

60 cfu/m3

FUNGUS Isolated:

Aspergillus fumigatus

Penicillium species 33% Cladosporium species 33%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:

Analyst:

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Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-45 Sampling Location:

Date Collected:

TEST REQUESTED:

Room 9167

11/17/2003

Volume/Area:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

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Job ID:

Date Received: 11/18/2003 Date Reported: 11/24/2003

100 L

03 7231

Lab Sample Number: 03 7231-45

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

Cladosporium species

67% 33%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:

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Attn:

Project: 910-02-0520

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Volume/Area:

Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-46 Sampling Location:

Room 9165

11/17/2003

Lab Sample Number: 03 7231-46

100 L

Date Collected:

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Cladosporium species

100%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Page 47 of 71 Job ID: 03 7231

Date Received: 11/18/2003 Date Reported: 11/24/2003

Lab Sample Number: 03 7231-47

Attn: Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-47 Sampling Location:

Room 9161

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

Date Collected:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

120 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

50% 25%

Corynebacterium species Micrococcus species

17%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Aspergillus fumigatus Cladosporium species 50% 50%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:

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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Job ID:

03 7231

Lab Sample Number: 03 7231-48

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-48 Sampling Location:

Project: 910-02-0520

Room 9163 11/17/2003

Date Collected:

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Cladosporium species

50% 50%

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-49 Sampling Location:

Room 9158

11/17/2003

Date Collected:

Volume/Area:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

TEST REQUESTED:

 40 cfu/m_3

BACTERIA Isolated:

Bacillus species

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

 30 cfu/m_3

FUNGUS Isolated:

Cladosporium species

Geotrichum species

Date Received: 11/18/2003

Date Reported: 11/24/2003

03 7231

100 L

Lab Sample Number: 03 7231-49

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Job ID:

67% 33%

100%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-50 Sampling Location:

Room 9156

Date Collected: 11/17/2003

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Date Received: 11/18/2003 Date Reported: 11/24/2003

03 7231

100 L

Lab Sample Number: 03 7231-50

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Volume/Area:

Job ID:

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Penicillium species

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-51 Sampling Location:

Lab Sample Number: 03 7231-51 Kitchenette In Hall, Near Room 9157

Date Collected:

11/17/2003

Volume/Area: 100 L

Date Received: 11/18/2003 Date Reported: 11/24/2003

03 7231

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Job ID:

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Cladosporium species

67% 33%

10 cfu/m3

Detection Limits: Date Analyzed:

11/24/2003

Yeast

Analyst:

EROBIOLOGY LABORATORY ASSOCIATES, INCORPORATED MICROBIOLOGY SPECIALISTS

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Date Reported: 11/24/2003 Page 52 of 71

Job ID:

Date Received: 11/18/2003

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-52 Sampling Location:

Room 9157

Date Collected:

11/17/2003

Volume/Area:

100 L

03 7231

Lab Sample Number: 03 7231-52

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

50% 50%

Corynebacterium species

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Reston, VA 20191

Attn:

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Job ID:

03 7231

Lab Sample Number: 03 7231-53

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-53 Sampling Location:

Room 9152

Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Cladosporium species

67%

Penicillium species

33%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-54

Rom 9148

Lab Sample Number: 03 7231-54

Sampling Location: **Date Collected:**

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

40 cfu/m3

BACTERIA Isolated:

Bacillus species

75%

Coag-negative Staphylococcus species

25%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

40 cfu/m3

FUNGUS Isolated:

Aspergillus fumigatus

50%

Penicillium species

25% 25%

Sterilia mycelia

Detection Limits: Date Analyzed:

10 cfu/m3 11/24/2003

Analyst:



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Page 55 of 71 Job ID:

Attn:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-55

Room 9146

Lab Sample Number: 03 7231-55

Date Received: 11/18/2003 Date Reported: 11/24/2003

Sampling Location: **Date Collected:**

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

67%

Micrococcus species

33%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

 60 cfu/m_3

FUNGUS Isolated:

Cladosporium species

50%

Penicillium species

33% 17%

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-56

Room 9142

Lab Sample Number: 03 7231-56

Sampling Location: Date Collected:

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

BACTERIA Isolated:

Coag-negative Staphylococcus species

50%

Micrococcus species

26%

Staphylococcus aureus

12%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

50 cfu/m3

FUNGUS Isolated:

Cladosporium species Penicillium species

60% 20% 20%

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn: Project: 910-02-0520 **Date Received: 11/18/2003 Date Reported: 11/24/2003**

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Job ID:

03 7231

Lab Sample Number: 03 7231-57

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-57 Sampling Location:

Room 9142

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

Date Collected:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

40 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

75% 25%

Cladosporium species

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

Attn:

Project: 910-02-0520

Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-58

Lab Sample Number: 03 7231-58

Sampling Location: **Date Collected:**

Room 9136C 11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

40 cfu/m3

BACTERIA Isolated:

Micrococcus species

50% 25%

Bacillus species

25%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Corynebacterium species

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

67% 33%

Cladosporium species

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID: 03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-59

Lab Sample Number: 03 7231-59

Sampling Location:

Room 9137 11/17/2003

Volume/Area:

100 L

Date Collected: TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Reported: 11/24/2003 Page 60 of 71 Job ID:

Date Received: 11/18/2003

03 7231

Lab Sample Number: 03 7231-60

Attn:

Project: 910-02-0520

Client Sample Number: BL031117-60

Room 9136

Condition of Sample: MEA BL031117-66 damaged in transit

Sampling Location: **Date Collected:**

11/17/2003

Volume/Area:

1005 AIR, Total BACTERIAL Count w/Identifications

100 L

TEST REQUESTED: Total BACTERIAL Count:

1030 AIR, Total FUNGAL Count w/Identifications 110 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS isolated:

Penicillium species

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Job ID:

Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-61 Sampling Location:

Room 9135

11/17/2003

Lab Sample Number: 03 7231-61

03 7231

Volume/Area:

100 L

TEST REQUESTED:

Date Collected:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

50% 50%

100%

Bacillus species

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Reported: 11/24/2003 Page 62 of 71

Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-62

Lab Sample Number: 03 7231-62

Date Received: 11/18/2003

Sampling Location: **Date Collected:**

Room 9136A 11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

 20 cfu/m_3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

40 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

50%

Aspergillus fumigatus

25% 25%

Geotrichum species

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Project: 910-02-0520

Date Received: 11/18/2003 Date Reported: 11/24/2003

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Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit Lab Sample Number: 03 7231-63

Client Sample Number: BL031117-63 Sampling Location:

Room 9134

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

Date Collected:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA isolated:

Micrococcus species

67%

Coag-negative Staphylococcus species

33%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Cladosporium species

100%

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Job ID:

03 7231

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-64

Room 9128

Lab Sample Number: 03 7231-64

Sampling Location: **Date Collected:**

11/17/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

40 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

75%

Corynebacterium species

25%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

80 cfu/m3

FUNGUS Isolated:

Cladosporium species

50%

Sterilia mycelia

38% 12%

Penicillium species

Detection Limits: Date Analyzed:

10 cfu/m3

11/24/2003

Analyst:



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Date Received: 11/18/2003 Date Reported: 11/24/2003

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Attn:

Project: 910-02-0520

Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-65 Sampling Location:

Room 9129

Lab Sample Number: 03 7231-65

Date Collected: TEST REQUESTED: 11/17/2003

Volume/Area:

1005 AIR, Total BACTERIAL Count w/Identifications

100 L

1030 AIR, Total FUNGAL Count w/Identifications 10 cfu/m3

Total BACTERIAL Count: BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Date Received: 11/18/2003 **Date Reported: 11/24/2003**

03 7231

100 L

Lab Sample Number: 03 7231-66

Reston, VA 20191 Page 66 of 71

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-66

Sampling Location: Room 921

Date Collected: 11/17/2003

Volume/Area:

TEST REQUESTED: 1005 AIR. Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

80 cfu/m3 Total BACTERIAL Count:

BACTERIA Isolated: Coag-negative Staphylococcus species

88% 12%

Job ID:

Corynebacterium species

11/20/2003 Date Analyzed:

Analyst: Kay Frick, B.S., MT (ASCP)

Sample damaged in transit; able to analyze.

50 cfu/m3Total FUNGAL Count:

FUNGUS isolated: Penicillium species 40%

> Cladosporium species 40% Geotrichum species 20%

10 cfu/m3**Detection Limits:**

Date Analyzed: 11/24/2003

Debra Gulick, B.S., MT (ASCP) Analyst:



Date Received: 11/18/2003

Date Reported: 11/24/2003

03 7231

03 7231-67

100%

34%

33%

33%

100 L

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Volume/Area:

Lab Sample Number:

Job ID:

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Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-67 Room 9127

Sampling Location:

Date Collected: 11/17/2003

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

BACTERIA Isolated:

Coag-negative Staphylococcus species

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

30 cfu/m3

FUNGUS Isolated:

Cladosporium species

Penicillium species Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Project: 910-02-0520

Date Received: 11/18/2003 **Date Reported:** 11/24/2003

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Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-68

Sampling Location: Room 9124

Date Collected: 11/17/2003

Lab Sample Number: 03 7231-68

-us campic itamisci: 00 /201

7/2003 Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

100%

Detection Limits:

10 cfu/m3 11/24/2003

<u>Date Analyzed:</u> <u>Analyst:</u>



Date Received: 11/18/2003

03 7231

100 L

Lab Sample Number: 03 7231-69

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Attn:

Project: 910-02-0520

Date Reported: 11/24/2003 Page 69 of 71 Job ID:

Condition of Sample: MEA BL031117-66 damaged in transit

Client Sample Number: BL031117-69

Sampling Location: Elevator Area-Core

Date Collected: 11/17/2003 Volume/Area:

TEST REQUESTED: 1030 AIR, Total FUNGAL Count w/Identifications

1005 AIR, Total BACTERIAL Count w/Identifications

Total BACTERIAL Count:

BACTERIA Isolated: Coag-negative Staphylococcus species

100% 11/20/2003

Date Analyzed:

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: 30 cfu/m3

FUNGUS Isolated: 67% Cladosporium species

Sterilia mycelia 33%

Detection Limits: 10 cfu/m3

11/24/2003 **Date Analyzed:**

Debra Gulick, B.S., MT (ASCP) Analyst:



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Attn:

Project: 910-02-0520

Condition of Sample: MEA BL031117-66 damaged in transit Client Sample Number: BL031117-70

Sampling Location:

Date Collected:

Lab Sample Number: Outdoors

11/17/2003

Volume/Area:

1005 AIR, Total BACTERIAL Count w/Identifications

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Job ID:

Date Received: 11/18/2003 **Date Reported: 11/24/2003**

03 7231

100 L

03 7231-70

1030 AIR, Total FUNGAL Count w/Identifications

BACTERIA Isolated:

Total BACTERIAL Count:

TEST REQUESTED:

40 cfu/m3

Corynebacterium species

Bacillus species

75% 25%

47%

27%

13%

Date Analyzed:

11/20/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

150 cfu/m3

FUNGUS Isolated:

Cladosporium species

Penicillium species Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

11/24/2003

Analyst:



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Attn:

Project: 910-02-0520

Date Received: 11/18/2003 **Date Reported:** 11/24/2003

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Job ID:

03 7231

Condition of Sample: MEA BL031117-66 damaged in transit

Results relate only to the items tested.

Suzane S. Bluing

Suzanne S. Blevins, B.S., SM (ASCP) Laboratory Director



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-01 Sampling Location:

Room 9096

Date Collected:

12/8/2003

Lab Sample Number: 03 7672-01

Volume/Area:

100 L

03 7672

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-02 Sampling Location:

Room 9094

Date Collected:

12/8/2003

Volume/Area:

Page 2 of 44

Job ID:

Date Received: 12/9/2003

Date Reported: 12/15/2003

03 7672

Lab Sample Number: 03 7672-02

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR. Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Micrococcus species

67%

Coag-negative Staphylococcus species

33%

Date Analyzed:

12/11/2003

Analyst:

Attn:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

EROBIOLOGY LABORATORY ASSOCIATES, INCORPORATED

MICROBIOLOGY SPECIALISTS

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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

03 7672

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Job ID:

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-03 Sampling Location:

Room 9101

12/8/2003

Lab Sample Number: 03 7672-03

Date Collected:

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

Ann Atkinson, B.S., MT (ASCP)

Client Sample Number: BL031208-04

Sampling Location:

Lab Sample Number: 03 7672-04

Date Collected:

TEST REQUESTED:

Room 9103

12/8/2003

Volume/Area:

100 L

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

Ann Atkinson, B.S., MT (ASCP)

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Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-05

Sampling Location:

TEST REQUESTED:

Room 9108B

Date Collected:

12/8/2003

Volume/Area:

Page 4 of 44

Job ID:

Date Received: 12/9/2003

Date Reported: 12/15/2003

03 7672

100 L

Lab Sample Number: 03 7672-05

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



Date Received: 12/9/2003

Page 5 of 44

Volume/Area:

Job ID:

1030 AIR, Total FUNGAL Count w/Identifications

Date Reported: 12/15/2003

03 7672

100 L

50%

50%

100%

Lab Sample Number: 03 7672-06

Applied Environmental, Inc.

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Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-06 Sampling Location:

Room 9109

Date Collected: 12/8/2003

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

Corynebacterium species

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Penicillium species

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-07 Sampling Location:

Room 9119

Date Collected: 12/8/2003

Volume/Area:

100 L

03 7672

Lab Sample Number: 03 7672-07

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

40 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

Micrococcus species Bacillus species

25% 25%

50%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

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Date Reported: 12/15/2003 Page 7 of 44

Date Received: 12/9/2003

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-08 Sampling Location:

Room 9120

Date Collected:

12/8/2003

Lab Sample Number: 03 7672-08

Volume/Area:

Job ID:

100 L

03 7672

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

40 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

50% 50%

Micrococcus species

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

Yeast

50% 50%

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

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Attn: Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-09

Sampling Location:

Date Collected:

Rom 9126 12/8/2003

TEST REQUESTED:

Total BACTERIAL Count:

BACTERIA Isolated:

Date Analyzed: Analyst:

Total FUNGAL Count:

Detection Limits:

Date Analyzed:

Analyst:

Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

03 7672

Lab Sample Number: 03 7672-09

Volume/Area:

100 L

50%

50%

Kay Frick, B.S., MT (ASCP) No growth

20 cfu/m3

Micrococcus species

Corynebacterium species

10 cfu/m3

12/11/2003

12/15/2003

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TEST REQUESTED:

Date Received: 12/9/2003 **Date Reported: 12/15/2003**

03 7672

100 L

100%

Lab Sample Number: 03 7672-10

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Volume/Area:

Job ID:

1005 AIR, Total BACTERIAL Count w/Identifications

Attn: Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-10

Sampling Location: Room 9131

Date Collected: 12/8/2003

1030 AIR, Total FUNGAL Count w/Identifications

No growth Total BACTERIAL Count:

12/11/2003 **Date Analyzed:**

Analyst: Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count: No growth **Detection Limits:** 10 cfu/m3 12/15/2003 **Date Analyzed:**

Analyst: Ann Atkinson, B.S., MT (ASCP)

Client Sample Number: BL031208-11

Sampling Location: **Date Collected:**

Room 9132

12/8/2003

Lab Sample Number: 03 7672-11

Volume/Area: 100 L

1005 AIR, Total BACTERIAL Count w/Identifications **TEST REQUESTED:**

1030 AIR. Total FUNGAL Count w/Identifications

10 cfu/m3 Total BACTERIAL Count:

BACTERIA Isolated: Coag-negative Staphylococcus species

Date Analyzed: 12/11/2003

Analyst: Kay Frick, B.S., MT (ASCP)

No growth Total FUNGAL Count: **Detection Limits:** 10 cfu/m3**Date Analyzed:** 12/15/2003

Analyst: Ann Atkinson, B.S., MT (ASCP)



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

Attn: Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-12

Sampling Location:

Room 9133

Date Collected:

12/8/2003

Volume/Area:

100 L

03 7672

Lab Sample Number: 03 7672-12

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR. Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

50% 50%

Bacillus species

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-13 Sampling Location:

Date Collected:

Room 9136B

12/8/2003

Volume/Area:

Page 11 of 44

Job ID:

Date Received: 12/9/2003

Date Reported: 12/15/2003

03 7672

Lab Sample Number: 03 7672-13

100 L

TEST REQUESTED: Total BACTERIAL Count:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Attn:

Job ID:

03 7672

Project: 910-02-0520-0426 Sky 5 9th Floor Condition of Sample: Acceptable

Client Sample Number: BL031208-14 Sampling Location:

Room 9138

Lab Sample Number: 03 7672-14

Date Collected:

12/8/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

60 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

83%

Micrococcus species

17%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

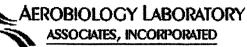
Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

Attn: Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-15 Sampling Location:

Room 9139

Date Collected:

12/8/2003

Lab Sample Number: 03 7672-15

Volume/Area: 100 L

03 7672

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

67% 33%

Corynebacterium species

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Attn:

Job ID:

03 7672

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-16

Room 9140

Lab Sample Number: 03 7672-16

Sampling Location: **Date Collected:**

12/8/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

80 cfu/m3

BACTERIA Isolated:

Bacillus species

38%

Micrococcus species

38%

Coag-negative Staphylococcus species

24%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 Date Reported: 12/15/2003

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Job ID:

Attn: Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-17

Sampling Location: Room 9143

Date Collected:

12/8/2003

Volume/Area: 100 L

Lab Sample Number: 03 7672-17

03 7672

40%

40%

20%

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

50 cfu/m3

BACTERIA Isolated:

TEST REQUESTED:

Coag-negative Staphylococcus species

Bacillus species

Non-fermentative gram neg. rod

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

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Job ID:

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-18 Sampling Location:

Room 9145

Date Collected:

12/8/2003

Volume/Area:

100 L

03 7672

Lab Sample Number: 03 7672-18

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Attn:

Job ID:

03 7672

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-19 Sampling Location:

Room 9144

12/8/2003

Lab Sample Number: 03 7672-19

Volume/Area:

100 L

TEST REQUESTED:

Date Collected:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Bacillus species

100%

100%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-20 Sampling Location:

Room 9147

Date Collected:

12/8/2003

Volume/Area: 100 L

Lab Sample Number: 03 7672-20

03 7672

100%

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Aspergillus species

10 cfu/m3

Detection Limits: Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

Attn: Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-21 Sampling Location:

Room 9149

Date Collected: 12/8/2003 Lab Sample Number: 03 7672-21

03 7672

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Aspergillus sydowii

100%

Detection Limits:

Date Analyzed:

10 cfu/m312/15/2003

Ann Atkinson, B.S., MT (ASCP)

Analyst:

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Job ID:

Date Received: 12/9/2003 **Date Reported: 12/15/2003**

03 7672

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Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-22

Room 9150

Lab Sample Number: 03 7672-22

Sampling Location: **Date Collected:**

12/8/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

50% 50%

Micrococcus species

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Reported: 12/15/2003 Page 21 of 44

Job ID:

Date Received: 12/9/2003

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-23 Sampling Location:

Room 9151

Date Collected:

12/8/2003

Volume/Area:

100 L

03 7672

Lab Sample Number: 03 7672-23

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

TEST REQUESTED:

30 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

100%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-24

Sampling Location:

Date Collected:

Room 9154

12/8/2003

Volume/Area:

Page 22 of 44

Job ID:

Date Received: 12/9/2003

Date Reported: 12/15/2003

100 L

Lab Sample Number: 03 7672-24

03 7672

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

TEST REQUESTED:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Attn:

Job ID:

03 7672

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-25 Sampling Location:

Room 9164

12/8/2003

Lab Sample Number: 03 7672-25

Date Collected:

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Bacillus species

67%

Corynebacterium species

33%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported:** 12/15/2003

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Attn:

Job ID:

03 7672

Lab Sample Number: 03 7672-26

Project: 910-02-0520-0426 Sky 5 9th Floor **Condition of Sample:** Acceptable

Client Sample Number: BL031208-26

Sampling Location:

Room 9162

12/8/2003

Volume/Area:

100 L

Date Collected: TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

67% 33%

Bacillus species

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Aspergillus ustus

50% 50%

Cladosporium species

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

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Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-27 Sampling Location:

Room 9173

Date Collected: TEST REQUESTED: 12/8/2003

Volume/Area:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

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Job ID:

Date Received: 12/9/2003 **Date Reported: 12/15/2003**

100 L

100%

03 7672

Lab Sample Number: 03 7672-27

10 cfu/m3

BACTERIA Isolated:

Total BACTERIAL Count:

Bacillus species

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

Attn: Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-28 Sampling Location:

Room 9168

Date Collected:

12/8/2003

Lab Sample Number: 03 7672-28

03 7672

50% 50%

100%

Volume/Area: 100 L

TEST REQUESTED: 1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

20 cfu/m3

BACTERIA Isolated:

Bacillus species

Non-fermentative gram neg. rod

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Yeast

10 cfu/m3 **Detection Limits:**

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 Date Reported: 12/15/2003

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Job ID:

Attn: Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-29 Sampling Location:

Room 9169

Date Collected:

12/8/2003

Volume/Area:

100 L

03 7672

Lab Sample Number: 03 7672-29

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Bacillus species

100%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Cladosporium species

100%

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-30 Sampling Location:

Room 9172

Date Collected: 12/8/2003 Lab Sample Number: 03 7672-30

03 7672

Volume/Area: 100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Attn:

Job ID:

03 7672

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-31 Sampling Location:

Room 9173

12/8/2003 Volume/Area:

Lab Sample Number: 03 7672-31 100 L

Date Collected: TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Bacillus species

100%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Attn:

Date Received: 12/9/2003 Date Reported: 12/15/2003

03 7672

100%

Lab Sample Number: 03 7672-32

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Job ID:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-32

Sampling Location: Room 9192 **Date Collected:**

12/8/2003

Volume/Area: 100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated: **Date Analyzed:**

Streptomyces species

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Volume/Area:

Job ID:

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-33 Sampling Location:

Room 9193

Date Collected:

12/8/2003

Lab Sample Number: 03 7672-33

100 L

03 7672

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Penicillium species

50% 50%

Sterilia mycelia

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Reston, VA 20191

Date Received: 12/9/2003 **Date Reported: 12/15/2003**

Page 32 of 44

Attn:

Job ID:

03 7672

Project: 910-02-0520-0426 Sky 5 9th Floor Condition of Sample: Acceptable

Client Sample Number: BL031208-34 Sampling Location:

Room 9195

12/8/2003

Lab Sample Number: 03 7672-34

Volume/Area:

100 L

Date Collected: TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR. Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

100%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

20 cfu/m3

FUNGUS Isolated:

Aspergillus niger Aspergillus species 50% 50%

10 cfu/m3

Detection Limits: Date Analyzed:

12/15/2003

Analyst:



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Reston, VA 20191

Attn:

Date Received: 12/9/2003 Date Reported: 12/15/2003

Page 33 of 44

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-35 Sampling Location:

Room 9199

Date Collected: 12/8/2003 Volume/Area:

Job ID:

100 L

03 7672

Lab Sample Number: 03 7672-35

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Streptomyces species

Micrococcus species

67% 33%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

03 7672

Lab Sample Number: 03 7672-36

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Job ID:

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-36 Sampling Location:

Room 9202

Date Collected:

12/8/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Attn:

Job ID:

03 7672

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-37 Sampling Location:

Room 9209

12/8/2003

Lab Sample Number: 03 7672-37

Volume/Area:

100 L

TEST REQUESTED:

Date Collected:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

67% 33%

Bacillus species

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-38

Sampling Location: Room 9203

Date Collected:

12/8/2003

Volume/Area:

100 L

Lab Sample Number: 03 7672-38

Lab Sample Number: 03 7672-39

03 7672

TEST REQUESTED: 1005 AIR. Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

Ann Atkinson, B.S., MT (ASCP)

Client Sample Number: BL031208-39

Sampling Location:

Room 9204

Date Collected:

12/8/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

Ann Atkinson, B.S., MT (ASCP)

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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-40

Room 9201A

Sampling Location: **Date Collected:**

12/8/2003

Volume/Area:

Job ID:

100 L

03 7672

Lab Sample Number: 03 7672-40

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

Ann Atkinson, B.S., MT (ASCP)

Client Sample Number: BL031208-41

Sampling Location:

Lab Sample Number: 03 7672-41 Room 9198

Date Collected:

12/8/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

Ann Atkinson, B.S., MT (ASCP)

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Attn:

Date Received: 12/9/2003 **Date Reported: 12/15/2003**

03 7672

Lab Sample Number: 03 7672-42

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Job ID:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-42 Sampling Location:

Room 9198

Date Collected:

12/8/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Job ID:

Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-43 Sampling Location:

Room 9186

Date Collected:

12/8/2003

Volume/Area:

100 L

03 7672

Lab Sample Number: 03 7672-43

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

30 cfu/m3

BACTERIA Isolated:

Coag-negative Staphylococcus species

34% 33%

Bacillus species

33%

Non-fermentative gram neg. rod **Date Analyzed:**

Analyst:

12/11/2003

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

Date Received: 12/9/2003

Page 40 of 44

Volume/Area:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

Job ID:

Date Reported: 12/15/2003

03 7672

100 L

100%

Lab Sample Number: 03 7672-44

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Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-44

Sampling Location: Room 9183

TEST REQUESTED:

Date Collected: 12/8/2003

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Aspergillus niger 10 cfu/m3

Detection Limits: Date Analyzed:

12/15/2003

Analyst:

Ann Atkinson, B.S., MT (ASCP)

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Condition of Sample: Acceptable

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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Attn:

Job ID:

03 7672

Sampling Location:

Project: 910-02-0520-0426 Sky 5 9th Floor

Client Sample Number: BL031208-45

Room 9180A

Date Collected:

12/8/2003

Lab Sample Number: 03 7672-45

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Bacillus species

100%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

Ann Atkinson, B.S., MT (ASCP)

Client Sample Number: BL031208-46

Sampling Location:

Lab Sample Number: 03 7672-46

Date Collected:

Room 9114

12/8/2003

Volume/Area:

100 L

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

No growth

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:

Ann Atkinson, B.S., MT (ASCP)

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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

03 7672

Lab Sample Number: 03 7672-47

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Job ID:

Attn: Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-47 Sampling Location:

Room 9112

Date Collected:

12/8/2003

Volume/Area:

100 L

50%

33%

17%

TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications 1030 AIR, Total FUNGAL Count w/Identifications

Total BACTERIAL Count:

60 cfu/m3

BACTERIA Isolated:

Bacillus species

Coag-negative Staphylococcus species

Micrococcus species

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

No growth

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Date Received: 12/9/2003 **Date Reported: 12/15/2003**

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Attn:

Job ID:

03 7672

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-48 Sampling Location:

Outdoors

12/8/2003

Volume/Area:

Lab Sample Number: 03 7672-48

Date Collected: TEST REQUESTED:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

100 L

Total BACTERIAL Count:

10 cfu/m3

BACTERIA Isolated:

Non-fermentative gram neg. rod

100%

Date Analyzed:

12/11/2003

Analyst:

Kay Frick, B.S., MT (ASCP)

Total FUNGAL Count:

10 cfu/m3

FUNGUS Isolated:

Aspergillus species

100%

Detection Limits:

10 cfu/m3

Date Analyzed:

12/15/2003

Analyst:



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Attn:

Project: 910-02-0520-0426 Sky 5 9th Floor

Condition of Sample: Acceptable

Client Sample Number: BL031208-49

Sampling Location:

Date Collected:

TEST REQUESTED:

12/8/2003

Total BACTERIAL Count:

Date Analyzed:

Analyst:

Total FUNGAL Count:

Detection Limits:

Date Analyzed:

Analyst:

Date Received: 12/9/2003

Date Reported: 12/15/2003

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Job ID:

03 7672

Lab Sample Number: 03 7672-49

Volume/Area:

1005 AIR, Total BACTERIAL Count w/Identifications

1030 AIR, Total FUNGAL Count w/Identifications

No growth

12/11/2003

Kay Frick, B.S., MT (ASCP)

No growth

N/A

12/15/2003

Ann Atkinson, B.S., MT (ASCP)

Results relate only to the items tested.

Suzzare C. Blunks

Suzanne S. Blevins, B.S., SM (ASCP) Laboratory Director

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ATTACHMENT 3 OCCUPANT INTERVIEW FORMS

Occupai	nt Interview		Page 1 or
Building Name: _	Skyline 5	File Nun	nber:0424
Address:5	unte 900		
Occupant Name: _		Work Location:919	0
Completed by: B	lee	Title: Staff 1H	Date: 11 19 63
Section 4 discusse	es collecting and interpreting information	from occupants.	
	otoms or discomfort are you experiencing	g?	
Are you aware of o	other people with similar symptoms or c	oncerns? Yes	No
•	ealth conditions that may make you part		
☐ contact lenses	□ chronic cardiovascular disease		therapy or radiation therapy
⊒ allergies	☐ chronic respiratory disease	immune system suj other causes	ppressed by disease or
	☐ chronic neurological problems	Ø smoking	
IMING PATTER	NS		
When did your sym Abowt	•		
Vhen are they gen	erally worst?		
FI	1st thing in morning		
oo they go away? Get bette	lfso, when? or at home unless or	noking to much	

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?
Different offices throughout such and building

Where do you spend most of your time in the building? Bulk of time spent in office

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Early morning, ensep after weekend, air appears to be stale

Have you sought medical attention for your symptoms?

Some but wet specific to disconfort

Do you have any other comments?

2 ntice statt went to Pentagon Medical Stale Ar hors been going on for years but hors soften wowse recently Mas Lins in office to reduce state air and

Dulleline Name	rit Interview Sklim 5	File Mouth on	Page 1 of
	•		
Address: Occupant Name: _		Work Location: 9150	
	·(le		
			Date: 11]19]03
Sections 4 discuss	es collecting and interpreting information fro	om occupants.	
SYMPTOMPAT	 		
	toms or discomfort are you experiencing?		
lleade	acho, eyes Itchy		
4,,	posture complaints	5 –	
	ther people with similar symptoms or conce		
Ale you aware or o	uies people with salinal symptoms of colac	ilisi 165 NO	
If an ushat are their	names and locations?		
ii so, what are their	Traines and locations?		
Do you have any he	ealth conditions that may make you particul	ariy susceptible to environmental pro	blems?
C) contact lenses	ealth conditions that may make you particule	arty susceptible to environmental pro	
Ci contact lenses		O undergoing chemotherapy o	or radiation therapy
C) contact lenses	CI chronic cardiovascular disease	undergoing chemotherapy of	or radiation therapy
Ci contact lenses	☐ chronic cardiovascular disease ☐ chronic respiratory disease ☐ chronic neurological problems	O undergoing chemotherapy o	or radiation therapy
Contact lenses Authorates POSHVAS THANKS PATTER When did your synt	☐ chronic cardiovascular disease ☐ chronic respiratory disease ☐ chronic neurological problems **NS** storms start?	O undergoing chemotherapy o	or radiation therapy
Contact lenses Authorates POSHVAS THANKS PATTER When did your synt	chronic cardiovascular disease chronic respiratory disease chronic neurological problems	O undergoing chemotherapy o	or radiation therapy
Contact lenses Authorities DOSHWES THANING PATTER When did your symp	☐ chronic cardiovascular disease ☐ chronic respiratory disease ☐ chronic neurological problems **NS** storms start?	O undergoing chemotherapy of D immune system suppressed other causes	or radiation therapy
Contact lenses Authorities DOSHWES THANING PATTER When did your symp	Chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems ships bloms start? ENSIMM OFFICE brailly worst? ev & h & FFICE for a who foo, when?	D undergoing chemotherapy of the causes	or radiation therapy
Contact lenses A allergies POSHANES THANING PATTER When did your symp LUPON When are they gene	Chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems THIS THE HOLL THE CARLOR OF A WAY THE CARLOR OF THE	D undergoing chemotherapy of the causes	or radiation therapy
Contact lenses A allergies DOSHIVES THAMMG PATTER When did your symp When are they gene AT Do they go away? If Have you noticed an	Chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems THIS THOMAN THE FOR A WAR To, when? Yes when? Yes when a weather events, tell the same time as your symptoms?	□ undergoing chemotherapy of □ immune system suppressed other causes	or radiation therapy
Contact lenses A allergies POPHVS THANKIG PATTER When did your symp Luppon When are they gene AT Do they go away? If Have you noticed an tend to occur around	Chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems INIS Stoms start? ENSITY ENSITY FINE FOR A WA If so, when? YES What so weather events, be The or a way to the country of the country o	D undergoing chemotherapy of the causes other causes of the causes of th	or radiation therapy

()

Occupant Interview

Page 2 of 2

SPATIAL PATTERINS

Where are you when you experience symptoms or discomfort? $|W| = \frac{1}{2} \frac{1}$

Where do you spend most of your time in the building?

Most in refice yet around the two

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Temperature re

Have you sought medical attention for your symptoms?

Do you have any other comments?

()

Air is staffy, To bot or TO cold, ,
Has had problems since weeth incurs our
Smells carpet deoderizer after remodiation
Fresh air Concerns.

odor concerns. Concerns of as bestos in carpet(?)

Indoor Air Quality Forms 185

-	nt Interview		Page 1 of 2
Building Name: _	Styline 5	File Nun	nber: -0424
Address:	note 900		
Occupant Name: _		Work Location:9	135
Completed by:	3, lie	Title: Staff 1H	Date:
Section 4 discusse	es collecting and interpreting information	on from occupants.	
SYMPTOM PATI What kind of symp	FERNS otoms or discomfort are you experienci	ng?	
	No complaints other	Than Stale air a	m Mondays
Are you aware of o	other people with similar symptoms or	concerns? YesN	lo
	ealth conditions that may make you pa		•
⊒ contact lenses	☐ chronic cardiovascular disease		onmental problems?
⊒ contact lenses			nerapy or radiation therapy
⊒ contact lenses	☐ chronic cardiovascular disease	□ undergoing chemoti	nerapy or radiation therapy
⊒ contact lenses ⊒ allergies	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems	□ undergoing chemoti	nerapy or radiation therapy
Do you have any ho □ contact lenses □ allergies FIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems	□ undergoing chemoti	nerapy or radiation therapy
Contact lenses allergies	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems	□ undergoing chemoti	nerapy or radiation therapy
□ contact lenses □ allergies FIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems ss ptoms start?	□ undergoing chemoti	nerapy or radiation therapy
□ contact lenses □ allergies	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems ss ptoms start?	□ undergoing chemoti	nerapy or radiation therapy
□ contact lenses □ allergies FIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems ss ptoms start?	□ undergoing chemoti	nerapy or radiation therapy
□ contact lenses □ allergies FIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems ss ptoms start?	□ undergoing chemoti	nerapy or radiation therapy

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Occupant Interview

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Mondays - air scens stuffy offer Stutdown of Attle. No complaints

Building Name: _		
	Skyline 5	File Number: File Number:
Address:	rute 900	
Occupant Name: _		Work Location: 9207
		Title: Staff IM Date: 11/19/03
Section 4 discusse	s collecting and interpreting informati	on from occupants.
SYMPTOM PATT What kind of symp	TERNS toms or discomfort are you experienc	ing?
	No complaints	(see comments)
Are you aware of o	•	concerns? Yes No
If so, what are their	names and locations?	
Contact lenses	□ chronic cardiovascular disease	rticularly susceptible to environmental problems?
☐ allergies	☐ chronic respiratory disease	☐ undergoing chemotherapy or radiation therapy ☐ immune system suppressed by disease or
	☐ chronic respiratory disease ☐ chronic neurological problems	
	□ chronic neurological problems	☐ immune system suppressed by disease or
□ allergies	□ chronic neurological problems	☐ immune system suppressed by disease or
□ allergies	□ chronic neurological problems	☐ immune system suppressed by disease or
□ allergies	□ chronic neurological problems S ptoms start?	☐ immune system suppressed by disease or
□ allergies TIMING PATTERN When did your symp	□ chronic neurological problems S ptoms start?	☐ immune system suppressed by disease or
□ allergies TIMING PATTERN When did your symp	□ chronic neurological problems S ptoms start?	☐ immune system suppressed by disease or
□ allergies TIMING PATTERN When did your symp	□ chronic neurological problems Soutoms start? rally worst?	☐ immune system suppressed by disease or
□ allergies TIMING PATTERN When did your symp When are they gener	□ chronic neurological problems Soutoms start? rally worst?	☐ immune system suppressed by disease or
□ allergies FIMING PATTERN When did your symp When are they gener	□ chronic neurological problems Soutoms start? rally worst?	☐ immune system suppressed by disease or

Indoor Air Quality Forms 185

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SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

During rain events, water enters office from around windows, Minor wold growth is cleared upon discovery.

	nt Interview		Page 1 of
Building Name:	Styline 5	File Numl	ber: -047L
Address:9u	1 4c 900		
Occupant Name: _		Work Location:917	8
Completed by: _	lee	Title: SteAF 111	Date: 11/19/13
	s collecting and interpreting information		
	TERNS otoms or discomfort are you experiencing How disconfort	g?	
Are you aware of o	other people with similar symptoms or co	oncerns? Yes No	o
If so, what are their	r names and locations?		
Do you have any he	ealth conditions that may make you parti		nmental problems?
•		cularly susceptible to enviror	nmental problems? erapy or radiation therapy
☐ contact lenses	ealth conditions that may make you parti	cularly susceptible to enviror undergoing chemoth	erapy or radiation therapy
☐ contact lenses	ealth conditions that may make you parti □ chronic cardiovascular disease	cularly susceptible to environ	erapy or radiation therapy
□ contact lenses □ allergies	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to enviror undergoing chemoth	erapy or radiation therapy
Do you have any he □ contact lenses □ allergies FIMING PATTERN When did your sym	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to enviror undergoing chemoth	erapy or radiation therapy
□ contact lenses □ allergies ⊓MING PATTERN	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to enviror undergoing chemoth	erapy or radiation therapy
□ contact lenses □ allergies □ mining PATTERN When did your sym	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to enviror undergoing chemoth	erapy or radiation therapy
□ contact lenses □ allergies □ ming PATTERN When did your sym	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to enviror undergoing chemoth	erapy or radiation therapy
☐ contact lenses ☐ allergies ☐ IMING PATTERN When did your sym	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems is ptoms start?	cularly susceptible to enviror undergoing chemoth	erapy or radiation therapy
□ contact lenses □ allergies ⊓MING PATTERN	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems is ptoms start?	cularly susceptible to enviror undergoing chemoth	erapy or radiation therapy

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Vanes

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Temperatives warm in summer - cold in winter

	nt Interview	£ 4.
	Skylie 5	File Number: — OFTC
Address:9	ute 900	
Occupant Name: _		Work Location: 9206
Completed by:	lei	Title: Staff 1H Date: 11/19/53
Section 4 discusse	s collecting and interpreting information	from occupants.
1) cough	TERNS Stoms or discomfort are you experiencing - Can wit cuttin busk to I Store comp knowts	g? A&
•	other people with similar symptoms or co	nncerns? Yes No X
,		
If so, what are thei	r names and locations?	
,		
,		·
	ealth conditions that may make you parti	icularly susceptible to environmental problems?
Do you have any h	ealth conditions that may make you parti □ chronic cardiovascular disease	
Do you have any h		icularly susceptible to environmental problems? undergoing chemotherapy or radiation therapy immune system suppressed by disease or
Do you have any h	□ chronic cardiovascular disease	icularly susceptible to environmental problems?
Do you have any h □ contact lenses □ allergies	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems	icularly susceptible to environmental problems? undergoing chemotherapy or radiation therapy mmune system suppressed by disease or
Do you have any horder of the contact lenses □ allergies TIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems IS ptoms start?	icularly susceptible to environmental problems? undergoing chemotherapy or radiation therapy mmune system suppressed by disease or
Do you have any horder of the contact lenses ☐ allergies TIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems	icularly susceptible to environmental problems? undergoing chemotherapy or radiation therapy mmune system suppressed by disease or
Do you have any hor contact lenses □ allergies TIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems IS ptoms start? IX wonths was	icularly susceptible to environmental problems? undergoing chemotherapy or radiation therapy mmune system suppressed by disease or
Do you have any hor contact lenses □ allergies TIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems IS ptoms start? (x months week	icularly susceptible to environmental problems? undergoing chemotherapy or radiation therapy mmune system suppressed by disease or
Do you have any hold contact lenses allergies TIMING PATTERN When did your sym	chronic cardiovascular disease chronic respiratory disease chronic neurological problems is ptoms start? ix months ways prally worst? ix a pecufic	icularly susceptible to environmental problems? undergoing chemotherapy or radiation therapy mmune system suppressed by disease or

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

At hom and work

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Building Name:	Shylin 5	File Numbe	-0426
	5mk 900		
Occupant Name: _		Work Location:	
Completed by:	Blee	Title: Staff / H	Date:
	s collecting and interpreting information	i i	
SYMPTOM PATT What kind of symp Temperar	rerns ntoms or discomfort are you experiencing the complaints	g?	
Are you aware of o	other people with similar symptoms or co	oncerns? Yes No .	
If so, what are their	r names and locations?		
Do you have any he	ealth conditions that may make you part		nental problems?
Do you have any ho □ contact lenses	ealth conditions that may make you part □ chronic cardiovascular disease		•
		icularly susceptible to environm undergoing chemother immune system suppre	apy or radiation therapy
□ contact lenses	□ chronic cardiovascular disease	icularly susceptible to environm	apy or radiation therapy
□ contact lenses	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems	icularly susceptible to environm undergoing chemother immune system suppre	apy or radiation therapy
□ contact lenses □ allergies	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems	icularly susceptible to environm undergoing chemother immune system suppre	apy or radiation therapy
□ contact lenses □ allergies TIMING PATTERN	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems	icularly susceptible to environm undergoing chemother immune system suppre	apy or radiation therapy
□ contact lenses □ allergies TIMING PATTERN	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems IS ptoms start?	icularly susceptible to environm undergoing chemother immune system suppre	apy or radiation therapy
□ contact lenses □ allergies TIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems IS ptoms start?	icularly susceptible to environm undergoing chemother immune system suppre	apy or radiation therapy
□ contact lenses □ allergies TIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems IS ptoms start?	icularly susceptible to environm undergoing chemother immune system suppre	apy or radiation therapy
□ contact lenses □ allergies TIMING PATTERN When did your sym	□ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems IS ptoms start?	icularly susceptible to environm undergoing chemother immune system suppre	apy or radiation therapy

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Temperature astrones throughout floor.
Becapant believe it is velated to
personal preference.
Concerned about LADON.

	/ i		Page 1 o
Building Name:	Skylne 5	File Number	: <u>-04</u> CE
Address: 34	ite 900		
Occupant Name: _	2 occupants	Work Location:914	-1
Completed by: $_{B}$	2 occupants	Title: Staff 1H	Date: _ (/ (7 / 8 - 3
Section 4 discusse	s collecting and interpreting information	from occupants.	
SYMPTOM PATT	ERNS		
	toms or discomfort are you experiencing) ?	
Temp	evature complaints		
Are you aware of o	ther people with similar symptoms or co	oncerns? Yes No _	
If so, what are their	names and locations?		
	names and locations:		
•			
	names and locations:		
Do you have any he			
			ental problems?
☐ contact lenses	ealth conditions that may make you parti	cularly susceptible to environm undergoing chemothers immune system suppre	ental problems? apy or radiation therapy
☐ contact lenses	ealth conditions that may make you parti	cularly susceptible to environm	ental problems? apy or radiation therapy
⊒ contact lenses ≨allergies	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to environm undergoing chemothers immune system suppre	ental problems? apy or radiation therapy
⊒ contact lenses ≨allergies ⊓MING PATTERN	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to environm undergoing chemothers immune system suppre	ental problems? apy or radiation therapy
Do you have any he □ contact lenses ☑ allergies FIMING PATTERN When did your sym	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to environm undergoing chemothers immune system suppre	ental problems? apy or radiation therapy
□ contact lenses	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to environm undergoing chemothers immune system suppre	ental problems? apy or radiation therapy
☐ contact lenses	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to environm undergoing chemothers immune system suppre	ental problems? apy or radiation therapy
□ contact lenses ≨allergies FIMING PATTERN When did your sym	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to environm undergoing chemothers immune system suppre	ental problems? apy or radiation therapy
☐ contact lenses ☐ allergies ☐ IMING PATTERN When did your symp When are they gene	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems s ptoms start?	cularly susceptible to environm undergoing chemothers immune system suppre	ental problems? apy or radiation therapy
⊒ contact lenses ≨allergies ⊓MING PATTERN	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems s ptoms start?	cularly susceptible to environm undergoing chemothers immune system suppre	ental problems? apy or radiation therapy
☐ contact lenses ☐ allergies ☐ IMING PATTERN When did your symp When are they gene	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems s ptoms start?	cularly susceptible to environm undergoing chemothers immune system suppre	ental problems? apy or radiation therapy

•	nt Interview		age 1 of
Building Name: _	Styline 5	File Number: 0426	
Address: 50	uk 900		
Occupant Name: _		Work Location: 9142	
Completed by: B	rlee	Title: Stor FF 199 Date: 11/1	1263
Section 4 discusse	s collecting and interpreting information	from occupants.	
	ERNS toms or discomfort are you experiencing の dいこのがみ	17	
Are you aware of o	ther people with similar symptoms or co	ncerns? Yes No	
lf so, what are their			
Do you have any he	ealth conditions that may make you parti	cularly susceptible to environmental problems?	arany
Do you have any he	ealth conditions that may make you parti □ chronic cardiovascular disease	cularly susceptible to environmental problems?	
Do you have any he	ealth conditions that may make you parti	cularly susceptible to environmental problems?	
Do you have any he I contact lenses I allergies	ealth conditions that may make you parti □ chronic cardiovascular disease □ chronic respiratory disease □ chronic neurological problems	cularly susceptible to environmental problems? undergoing chemotherapy or radiation the	
Do you have any he I contact lenses I allergies	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to environmental problems? undergoing chemotherapy or radiation the	
Do you have any he I contact lenses I allergies	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to environmental problems? undergoing chemotherapy or radiation the	
Do you have any he I contact lenses I affergies TIMING PATTERN Vhen did your sym	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to environmental problems? undergoing chemotherapy or radiation the	
Do you have any he contact lenses alfergies TIMING PATTERN When did your sym	ealth conditions that may make you parti chronic cardiovascular disease chronic respiratory disease chronic neurological problems	cularly susceptible to environmental problems? undergoing chemotherapy or radiation the	
Do you have any he contact lenses alfergies TIMING PATTERN When did your symptoms When are they gene	ealth conditions that may make you particle chronic cardiovascular disease chronic respiratory disease chronic neurological problems Septoms start?	cularly susceptible to environmental problems? undergoing chemotherapy or radiation the	
	ealth conditions that may make you particle chronic cardiovascular disease chronic respiratory disease chronic neurological problems Septoms start?	cularly susceptible to environmental problems? undergoing chemotherapy or radiation the	

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SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Building Name:	Skyline 5	File Number: _	42le
Address:5	ult 900		
Occupant Name: _	Bilee TH	Work Location: 9/44	
Completed by:	Bile TH	le: Staff IH	Date:]
Sections 4 discuss	es collecting and interpreting information from o	occupants.	
SYMPTOMPAT			
What kind of symp	toms or discomfort are you experiencing?		
No de	scontort.		
Are you aware of o	other people with similar symptoms or concerns	Yes No	-
•			
•	other people with similar symptoms or concerns:		
•			
•			
If so, what are their			
If so, what are their	ealth conditions that may make you particularly	susceptible to environmental pro O undergoing chemotherapy o	blems?
If so, what are their	r names and locations?ealth conditions that may make you particularly	susceptible to environmental pro O undergoing chemotherapy of O immune system suppressed	blems? or radiation therapy
If so, what are their Do you have any h	ealth conditions that may make you particularly	susceptible to environmental pro O undergoing chemotherapy o	blems? or radiation therapy
If so, what are their Do you have any h contact lenses	ealth conditions that may make you particularly chronic cardiovascular disease Chronic respiratory disease	susceptible to environmental pro O undergoing chemotherapy of O immune system suppressed	blems? or radiation therapy
If so, what are their Do you have any h	ealth conditions that may make you particularly chronic cardiovascular disease Chronic respiratory disease chronic neurological problems	susceptible to environmental pro O undergoing chemotherapy of O immune system suppressed	blems? or radiation therapy
If so, what are their Do you have any h contact lenses altergies	ealth conditions that may make you particularly chronic cardiovascular disease Chronic respiratory disease chronic neurological problems	susceptible to environmental pro O undergoing chemotherapy of O immune system suppressed	blems? or radiation therapy
If so, what are their Do you have any h contact lenses altergies THMING PATTER When did your sym	ealth conditions that may make you particularly chronic cardiovascular disease Chronic respiratory disease chronic neurological problems ans	susceptible to environmental pro O undergoing chemotherapy of O immune system suppressed	blems? or radiation therapy
If so, what are their Do you have any h contact lenses altergies THYMNIG PATTER When did your sym	ealth conditions that may make you particularly chronic cardiovascular disease Chronic respiratory disease chronic neurological problems ans	susceptible to environmental pro O undergoing chemotherapy of O immune system suppressed	blems? or radiation therapy
If so, what are their Do you have any h contact lenses altergies	ealth conditions that may make you particularly chronic cardiovascular disease Chronic respiratory disease chronic neurological problems ans ptoms start?	susceptible to environmental pro O undergoing chemotherapy of O immune system suppressed	blems? or radiation therapy

Occupant	Interview

Page 2 of 2

SPATIAL	PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

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		······································	
	nt Interview		Page 1 of 2
Building Name: _5	Kyline 5	File Number: _	42h
Address SIA	te 900		
Occupant Name:		Work Location: 9157	
Completed by: 8	u_	Title: Steeff 1 H	Date: 91/19/03
Sections 4 discusses	s collecting and interpreting information fron	n occupants.	
SYMPTOMPACE What kind of sympto	ins or discomfort are you experiencing? "Moundure - descomf	int (cold)	
	ner people with similar symptoms or concern names and locations?		
Do you have any hea	alth conditions that may make you particular	ly susceptible to environmental pro	
C) allergies	Chronic respiratory disease	🗅 immune system suppressed	d by disease or
	Q chronic neurological problems	other causes	
THVING PATTER! When did your sympt			
When are they gener	ally worst?		
Do they go away? If:	so, when?		

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

(

from occupant reported with similar symptom by other occupant.

Occupa	in ii na wew			1	Page 1 of 2
Bullding Name:	8 kyline 5	File	e Number:	424	
	te 900_				
Occupant Name:		Work Location:	7189		
Completed by:	· Le	Title: Statt h	L	Date: [1	19/03
Sections 4 discusse	s collecting and interpreting inform	ation from occupants.			
SYMPTOMPATT	TERMS				
What kind of sympli Eye 5	oms or discomfort are you experien acher, head ac	oings hos, swelling	of ey	1e1 ids	,
Are you aware of ot	ner people with similar symptoms o	r concerns? Yes	No X		
f so, what are their	names and locations? _ 4xthor	m Goodise and t	Shrson	Warre	n Johnson
all	have asserted a	ellegric like	/	· · · · · · · · · · · · · · · · · · ·	
all	have assisted a	Megric like	,		
all	hume assisted a	ellegric like			
Do you have any he	have assisted a	ellegric (lee	nmental prob	lems?	* - * * * * * * * * * * * * * * * * * *
Do you have any he	htte assisted a	particularly susceptible to environse undergoing che	nmental prob	lems?	огару
Do you have any he	alth conditions that may make you	particularly susceptible to environse U undergoing che U immune system other causes	nmental prob	lems?	огару
OU you have any he Contact lenses ⊒ allergies	alth conditions that may make you on the chronic cardiovascular disease on the chronic respiratory disease on the chronic neurological problem.	particularly susceptible to environce O undergoing che immune system other causes	nmental prob motherapy or a suppressed	lems? rediction the	огару
Do you have any he Contact lenses allergies Introduce PART TEXE Yhen did your symp	alth conditions that may make your chronic cardiovascular disease chronic neurological problem ws	particularly susceptible to environse U undergoing che U immune system other causes	nmental prob motherapy or a suppressed	lems? rediction the	огару
Do you have any he Contact lenses allergies THYBAS PARTIES When did your symp BUFORE He	alth conditions that may make you pure chronic cardiovascular disease chronic neurological problem come start?	particularly susceptible to environce O undergoing che immune system other causes	nmental prob motherapy or a suppressed	lems? rediction the	огару
Co you have any he contact lenses Callergies THATING PART TERM When did your symp BUTOTE He When are they gener HEW	alth conditions that may make your chronic cardiovascular disease chronic respiratory disease chronic neurological problem was always and chronic neurological problem although the conditions start?	particularly susceptible to environse Dimmune system other causes sed to 9154 mith mo con	nmental prob motherapy or a suppressed	lems? rediction the	огару
Co you have any he contact lenses Callergies THATING PART TERM When did your symp BUTOTE He When are they gener HEW	alth conditions that may make you put chronic cardiovascular disease chronic respiratory disease chronic neurological problem was come start?	particularly susceptible to environse Dimmune system other causes sed to 9154 mith mo con	nmental prob motherapy or a suppressed	lems? rediction the	огару
Do you have any he Contact lenses allergies THYBNG PART FERENTHEM Man did your symp BUTOTE He When are they gener A Cluv To they go away? If	alth conditions that may make you produced the conditions that may make you produced chronic cardiovascular disease control chronic neurological problem with the constant?	particularly susceptible to environce Countergoing che Commune system other causes and 40 9154 months no co	enmental prob emotherapy or in suppressed	lems? radiation the by disease o	orapy T
Do you have any he Contact lenses Callergies TINING PAITTER When did your symp Bufore He When are they gener Hum To they go away? If	Author to surface and the conditions that may make your conditions that may make your chronic cardiovascular disease chronic respiratory disease chronic neurological problem was a common start?	particularly susceptible to environce Di undergoing che other causes and 40 9154 unith mo comme	enmental prob emotherapy or a suppressed	lems? radiation the by disease o	orapy T

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SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

in old office

Where do you spend most of your time in the building?

IN new office

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Office laked every year That occupant year in office.

Have you sought medical attention for your symptoms?

Ves, occupationed nurse and opthamologist with no direct diagnosis.

Do you have any other comments?

()

flood wood to new office, no symptoms, then after rendeation, moved back to office and symptom started again.

Gom to doctor several years earlier with some symptom from some office. Could be from gueral years.

first thought, condition was related to

Moved to new office, Room 91

Complaints if wet odors after rain storms. but carpet smells,

Occupa Building Name:	nt Interview Kyline 5	File Number	Page 1 of
	k 900		
Occupant Name:		Work Location: <u>9094</u>	
Completed by:	lee	Title: Staff 14	Date: 11 19/03
Sections 4 discusse	s collecting and interpreting information	n from occupants.	
	oms or discomfort are you experiencing to , tye , the	n	
	ner people with similar symptoms or co	noems? Yes <u>465</u> No <u>3</u>	*
Do you have any he	alth conditions that may make you parti	icularly susceptible to environmental ;	oroblems?
O contact lenses	Control cardiovascular disease	C) undergoing chemotherap	y or radiation therapy
allergies	Chronic respiratory disease	☐ immune system suppress other causes	sed by disease or
THMINIG PATTER! When did your symp Not	- 		
When are they gener GUIU	ally worst? when s	tuffy and stron	y olors
Dothey goaway? If	so, when? es, when leave b	uilder or chemy	r rooms

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

IN office

Where do you spend most of your time in the building?

yes.

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

stale (stuffy air

Have you sought medical attention for your symptoms?

Ye 5

Do you have any other comments?

stuffy/ stale air

Building Name:	obyline 5	File Number: _	474
Address: 5-41	Stylin 5 k 900		
Occupant Name: _		Work Location: 9182	
Completed by: β	le	THE Staff IH	Date: 1/19/03
Sections 4 discuss	es collecting and interpreting information fr	om occupants.	
SYMPTOMPAT			
	oms or discomfort are you experiencing?		
No.	serious disconfort		
Are you aware of o	ther people with similar symptoms or conce	erns? Yes No	
•			
•	ther people with similar symptoms or conce names and locations?		
•			
so, what are their	names and locations?		
f so, what are their		arly susceptible to environmental pro	blems?
f so, what are their	names and locations?		blems? or radiation therapy
f so, what are their oo you have any he contact lenses	names and locations?	early susceptible to environmental pro	blems? or radiation therapy
o you have any he contact lenses allengies	names and locations?	early susceptible to environmental pro undergoing chemotherapy of the control of	blems? or radiation therapy
o you have any he contact lenses allengies	names and locations?	early susceptible to environmental pro undergoing chemotherapy of the control of	blems? or radiation therapy
so, what are their to you have any he contact lenses allergies	names and locations?	early susceptible to environmental pro undergoing chemotherapy of the control of	blems? or radiation therapy
so, what are their to you have any he contact lenses allergies HVING PATTER Then did your symp	names and locations?	early susceptible to environmental pro undergoing chemotherapy of the control of	blems? or radiation therapy
so, what are their to you have any he contact lenses allergies INVINES PARTTER then did your symp	names and locations?	early susceptible to environmental pro undergoing chemotherapy of the control of	blems? or radiation therapy
so, what are their to you have any he contact lenses allergies	names and locations?	early susceptible to environmental pro undergoing chemotherapy of the control of	blems? or radiation therapy

Page 2 of 2

SPATL	80		
357414	_	mu	

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

()

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Had mold growth present at one time. Managinest
removed well, let inschool along. Has not experienced
any addresse reaction that can be centre bruted
to law since.

	nt Interview	ann by .	476
	kyline 5		100
	te 900		
Occupant Name:		Work Location:9///	
Completed by: B	lee	THE: Staff 1H	_ Date: 11 19 0.
Sections 4 discusse	s collecting and interpreting information fro	om occupants.	
SYMPTOMPATT	ERNS		
What kind of sympto	oms or discomfort are you experiencing?	(
Allerson	like 91 mptoms, allum	gic to clust mid	rs.
	air complaints/ change		
0	•		
Are you aware of oth	ner people with similar symptoms or conce	ms? Yes No	
11 30, WHAL DIO GION 1			
	alth conditions that may make you particule		
Do you have any hea			iblems?
Callergies	aith conditions that may make you particula	arly susceptible to environmental pro Coundergoing chemotherapy Colimmune system suppresse	iblems? or radiation therapy
Do you have any hea □ contact lenses ≨(allergies	alth conditions that may make you particule	arly susceptible to environmental pro	iblems? or radiation therapy
Do you have any hea	alth conditions that may make you particular chronic cardiovascular disease chronic respiratory disease chronic neurological problems	arly susceptible to environmental pro Coundergoing chemotherapy Colimmune system suppresse	iblems? or radiation therapy
Do you have any here contact lenses (allergies AH MHCS Old THATERIA	alth conditions that may make you particulated the chronic cardiovascular disease chronic respiratory disease chronic neurological problems	arly susceptible to environmental pro Coundergoing chemotherapy Colimmune system suppresse	iblems? or radiation therapy
Do you have any head contact lenses (allergies A ST MACS Old THATTERS	alth conditions that may make you particule chronic cardiovascular disease chronic respiratory disease chronic neurological problems	arly susceptible to environmental pro Coundergoing chemotherapy Colimmune system suppresse	iblems? or radiation therapy
Do you have any her contact lenses (allergies AH MHCS	alth conditions that may make you particular chronic cardiovascular disease chronic respiratory disease chronic neurological problems was toms start? Why bad in affice	arly susceptible to environmental pro Coundergoing chemotherapy Colimmune system suppresse	iblems? or radiation therapy

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

Page 2 of 2

SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Not really, normal

Where do you spend most of your time in the building?

416

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

415 -

Do you have any other comments?

Not somuch concerned with 140 but with maintener. And has modified supply de Prager to prevent "cold and moist" air. Realizes that nousekeeping will not be as good as at her home

Occupa	nt Interview		Page 1 of 2
	ilyline 5		424
Address: 544.	k 900		
Occupant Name:		Work Location: 9188	
Completed by:	lee	Title: Staff H	Date: 11 19 03
	es collecting and interpreting information fro		
SYMPTOMPATT	rerais		•
What kind of sympti	oms or discomfort are you experiencing?		
No.	ust really		
•	•	/	
Are you aware of ot	her people with similar-symptoms or conce	ms? Yes V No 🕏	
-	• •		
if so, what are their	names and locations?		
Su Alvis	David / Room 9154		
Do you have any he	alth conditions that may make you particul	arly susceptible to environmental prof	blems?
☐ contact lenses	C) chronic cardiovascular disease	undergoing chemotherapy of	
🗅 allergies	O chronic respiratory disease	🗆 immune system suppressed	by disease or
	C) chronic neurological problems	other causes	
TIMING PATTER	NS		
When did your symp	toms start?		
When are they gener	rally worst?		
Oothey go away? If	so, when?		

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

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SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Last Flood, fains were put in place to almy around 34 hours offer flood.

	nt Interview		Page 1 of 2
Building Name:	skyline 5	File Numbe	r: 474
Address: Suc.	k 900		
Occupant Name:		Work Location:910	7
Completed by:	. lee	Title: Staff 14	Date: 11/19 (8 3
Sections 4 discusse	s collecting and interpreting information fro	m occupants.	
	oms or discomfort are you experiencing?		
No) adverse (o	mnents.	
Are you aware of ot	ner people with similar symptoms or conce	ms? Yes No	
If so, what are their	names and locations?		
Do you have any he	alth conditions that may make you particul	arly susceptible to environmental	problems?
☐ contact lenses	Chronic cardiovascular disease	O undergoing chemothers	apy or radiation therapy
O allergies	Chronic respiratory disease	🗅 immune system suppre	ssed by disease or
	☐ chronic neurological problems		
THVING PATTERS When did your symp			
When are they gener	rally worst?		
Do they go away? If	so, when?		

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

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COMM	

Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

	nt Interview		D d -
Building Name:	~ · · · ·	File Number:	AZG Page 1 c
é. i	Gna		
Address:/U/	C 100	Ou of	
Occupant Name:	T :	Work Location:	
Completed by: 15	lh Lee	Title: Staff (H	Date: 11/19/03
	es collecting and interpreting information fo		
SYMPTOMPAT	TERMS		
What kind of sympt	oms or discomfort are you experiencing? Stuffy Wee, allers;) ((le en mptoms in	the
	past, not recently		
re you aware of ot	her people with similar symptoms or conce	ms? Yes No	
		14	
	alth conditions that may make you particular	arly susceptible to environmental prob	
Contact lenses	Chronic cardiovascular disease	arly susceptible to environmental prob O undergoing chemotherapy or	radiation therapy
contact lenses		arly susceptible to environmental prob	radiation therapy
contact lenses	Chronic cardiovascular disease	arly susceptible to environmental prob C) undergoing chemotherapy or C) immune system suppressed	radiation therapy
Contact lenses	Ci chronic cardiovascular disease Ci chronic respiratory disease Ci chronic neurological problems	arly susceptible to environmental prob C) undergoing chemotherapy or C) immune system suppressed	radiation therapy
Callergies Callergies Callergies Callergies Callergies	C) chronic cardiovascular disease C) chronic respiratory disease C) chronic neurological problems	arly susceptible to environmental prob Cundergoing chemotherapy or Immune system suppressed other causes	radiation therapy
Contact lenses Callergies Callerg	Chronic cardiovascular disease Checker cardiovascular disease	arly susceptible to environmental prob Clundergoing chemotherapy or Climmune system suppressed other causes	radiation therapy
allergies Invente PATTER Then did your symp When o	Chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems toms start? Welding Smell 15 present	arly susceptible to environmental prob Clundergoing chemotherapy or Climmune system suppressed other causes	radiation therapy
Contact lenses Callergies Callerg	Chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems Institute of the control of the cont	arly susceptible to environmental prob Clundergoing chemotherapy or Climmune system suppressed other causes	radiation therapy

Have you noticed any other events (such as weather events, temperature or humidity changes, or activities in the building) that tend to occur around the same time as your symptoms?

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SPATIAL PATTERNS

Where are you when you experience symptoms or discomfort?

IN office

Where do you spend most of your time in the building?

ye5

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

ODOS (Mush, MD/dm) What have we happened in awhile.

Have you sought medical attention for your symptoms?

No

()

Do you have any other comments?

No odors in awhile

Building Name: Address:	Shylve 5 k 900		424
Occupant Name:		Work Location: 9124	
	·lec	THE Staff IH	Date: 11/19/03
	s collecting and interpreting information f		
	TERMS oms or discomfort are you experiencing? O MISCONFOY		
′	U()CON (UI		
		· · · · · · · · · · · · · · · · · · ·	
•	ner people with similar symptoms or conc	•	
•	her people with similar symptoms or conc names and locations? $\underline{\qquad} (NSC)$	•	
•	•	•	
so, what are their	names and locations?(NGG_;	in old cffice	phlems?
so, what are their	•	in old cffice	
so, what are their to you have any he	names and locations? (NGA;	In ald cAra	or radiation therapy
so, what are their	names and locations?(NGG; alth conditions that may make you particular disease	In ald CFT a	or radiation therapy
so, what are their to you have any he contact lenses	alth conditions that may make you particular chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems	In ald Ara	or radiation therapy
so, what are their or you have any he contact lenses alternated from the contact lenses alternated from the contact lenses alternated from the contact lenses are con	alth conditions that may make you particular chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems	In ald Ara	or radiation therapy
so, what are their or you have any he contact lenses	alth conditions that may make you particular chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems	In ald Ara	or radiation therapy
so, what are their or you have any he contact lenses altergies mold with the contact lenses altergies are the contact lenses at the contact lenses are the conta	alth conditions that may make you particular chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems Ins.	In ald Ara	or radiation therapy
so, what are their or you have any he contact lenses alternated from the contact lenses alternated from the contact lenses alternated from the contact lenses are con	alth conditions that may make you particular chronic cardiovascular disease Chronic respiratory disease Chronic neurological problems Ins.	In ald Ara	or radiation therapy

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Where are you when you experience symptoms or discomfort?

Where do you spend most of your time in the building?

ADDITIONAL INFORMATION

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Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Po you have any other comments?
Recently moved offices, had several allegrees in

-	nt Interview		Page 1 of 470
Building Name:	Skyline 5	File Number: _	TW
Address:	te 900		
Occupant Name: _	- Lu	Work Location: 913 Z	
Completed by:_B	, le	Title: Staff H	Date: 1/1/9/03
Sections 4 discusse	es collecting and interpreting information fro	m occupants.	
SYMPTOMPATT	TERMS		•
	oms or discomfort are you experiencing?		
St	nffy State air of discomforts		
n)	o discomforts		
Are you aware of of	her people with similar symptoms or concer	ns? Yes No 🗸	
	names and locations?		
Do you have any he	names and locations? alth conditions that may make you particula		blems?
Do you have any he	alth conditions that may make you particula	rly susceptible to environmental pro	blems? or radiation therapy
Do you have any he	alth conditions that may make you particula	rly susceptible to environmental pro	blems? or radiation therapy
Do you have any he contact lenses clallergies	alth conditions that may make you particula chronic cardiovascular disease chronic respiratory disease chronic neurological problems	rly susceptible to environmental pro undergoing chemotherapy	blems? or radiation therapy
Do you have any he contact lenses callergies	alth conditions that may make you particula chronic cardiovascular disease chronic respiratory disease chronic neurological problems	irly susceptible to environmental pro undergoing chemotherapy of the immune system suppressed other causes	blems? or radiation therapy d by disease or
Do you have any he contact lenses callergies	alth conditions that may make you particula chronic cardiovascular disease chronic respiratory disease chronic neurological problems NS toms start? direct Correlations will	irly susceptible to environmental pro undergoing chemotherapy of the immune system suppressed other causes	blems? or radiation therapy d by disease or
Do you have any he contact lenses Callergies FORL THYING FATTER When did your symp	alth conditions that may make you particula chronic cardiovascular disease chronic respiratory disease chronic neurological problems nes toms start? direct correlations will	irly susceptible to environmental pro undergoing chemotherapy of the immune system suppressed other causes	blems? or radiation therapy d by disease or

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SPATIAL PAITTERNS

Where are you when you experience symptoms or discomfort?

AMMINGS. After holiday mornings are extended period of Affil downtime

Where do you spend most of your time in the building?

yes

ADDITIONAL INFORMATION

Do you have any observations about building conditions that might need attention or might help explain your symptoms (e.g., temperature, humidity, drafts, stagnant air, odors)?

Have you sought medical attention for your symptoms?

Do you have any other comments?

Mappy Generally no problems with (Aa.